

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093603.D
 Acq On : 13 Mar 2017 12:01
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:37:26 PM

Quant Time: Mar 14 01:11:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	157654	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	667989	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	309896	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	514654	20.00	ng	0.00
75) Chrysene-d12	13.90	240	459097	20.00	ng	0.01
86) Perylene-d12	15.31	264	370354	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	871725	92.03	ng	-0.02
7) Phenol-d6	6.37	99	900715	75.40	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1002394	83.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	181973	90.13	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1464681	87.91	ng	0.00
78) Terphenyl-d14	12.84	244	1322533	74.90	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	215904	41.38	ng	87
3) Pyridine	2.85	79	566744	42.60	ng	86
4) n-Nitrosodimethylamine	2.82	42	280131	44.09	ng	88
6) Aniline	6.38	93	666687	40.67	ng	# 78
8) 2-Chlorophenol	6.49	128	431160	40.62	ng	85
9) Benzaldehyde	6.26	77	299636	41.76	ng	99
10) Phenol	6.38	94	630983	43.11	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	460299	38.91	ng	90
12) 1,3-Dichlorobenzene	6.64	146	494123m	40.68	ng	
13) 1,4-Dichlorobenzene	6.72	146	513554	41.29	ng	100
14) 1,2-Dichlorobenzene	6.88	146	448873	40.75	ng	96
15) Benzyl Alcohol	6.87	79	375670	44.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	824602	41.96	ng	# 41
17) 2-Methylphenol	7.00	107	362589	40.39	ng	93
18) Hexachloroethane	7.21	117	176180	42.00	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	321572	39.16	ng	91
20) 3+4-Methylphenols	7.16	107	498391	42.81	ng	# 74
22) Acetophenone	7.13	105	613173	38.15	ng	# 99
24) Nitrobenzene	7.30	77	517050	38.21	ng	96
25) Isophorone	7.54	82	941505	38.78	ng	# 93
26) 2-Nitrophenol	7.62	139	248949	40.33	ng	90
27) 2,4-Dimethylphenol	7.68	122	361590	36.01	ng	93
28) bis(2-Chloroethoxy)methane	7.76	93	636203	41.51	ng	99
29) 2,4-Dichlorophenol	7.88	162	385964	40.85	ng	84
30) 1,2,4-Trichlorobenzene	7.94	180	379672	37.79	ng	94
31) Naphthalene	8.02	128	1292323	38.61	ng	99
32) Benzoic acid	7.84	122	193426	37.07	ng	93
33) 4-Chloroaniline	8.09	127	499523	36.77	ng	95
34) Hexachlorobutadiene	8.14	225	210368	40.65	ng	99
35) Caprolactam	8.47	113	117244	36.34	ng	# 30
36) 4-Chloro-3-methylphenol	8.60	107	388314	38.51	ng	90
37) 2-Methylnaphthalene	8.72	142	832245	39.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	364763	43.11	ng	100
40) Hexachlorocyclopentadiene	8.87	237	58698	35.42	ng	97

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 SSTDC040

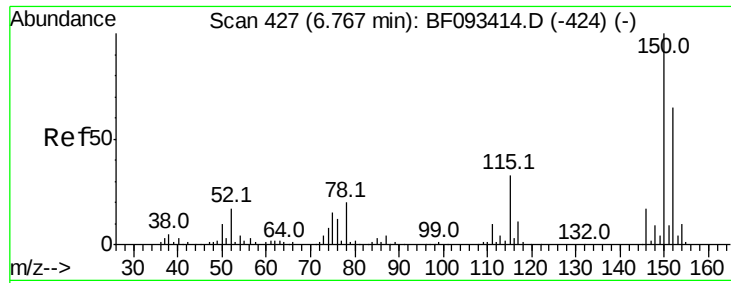
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	229967	43.50	nq	94
43) 2,4,5-Trichlorophenol	9.06	196	250433	44.15	nq #	91
45) 1,1'-Biphenyl	9.19	154	964192	42.71	nq	99
46) 2-Chloronaphthalene	9.21	162	804150	46.54	nq	98
47) 2-Nitroaniline	9.33	65	300824	49.25	nq	87
48) Acenaphthylene	9.62	152	1270638	44.58	nq	99
49) Dimethylphthalate	9.50	163	899173	43.77	nq	99
50) 2,6-Dinitrotoluene	9.57	165	215779	47.86	nq #	83
51) Acenaphthene	9.80	154	718000	42.60	nq	97
52) 3-Nitroaniline	9.74	138	235249	43.44	nq	100
53) 2,4-Dinitrophenol	9.88	184	98074	47.77	nq #	75
54) Dibenzofuran	9.97	168	922418	43.73	nq	97
55) 4-Nitrophenol	9.96	139	97326m	37.00	nq	
56) 2,4-Dinitrotoluene	9.98	165	261620	47.24	nq	97
57) Fluorene	10.31	166	733395	41.03	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	162872	40.68	nq	95
59) Diethylphthalate	10.20	149	826419	42.09	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	337960	42.18	nq	97
61) 4-Nitroaniline	10.36	138	209345	37.79	nq	92
62) Azobenzene	10.46	77	856489	38.39	nq	95
64) 4,6-Dinitro-2-methylphenol	10.40	198	107096	32.12	nq	91
65) n-Nitrosodiphenylamine	10.42	169	628390	36.57	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	203259	37.35	nq	98
67) Hexachlorobenzene	10.86	284	203275	39.12	nq #	79
68) Atrazine	10.96	200	201890	40.14	nq	98
69) Pentachlorophenol	11.08	266	79647	44.39	nq	95
70) Phenanthrene	11.27	178	1087640	37.02	nq	98
71) Anthracene	11.33	178	1159240	39.01	nq	99
72) Carbazole	11.49	167	1155036	41.38	nq	100
73) Di-n-butylphthalate	11.82	149	1323193	40.97	nq #	96
74) Fluoranthene	12.47	202	1203848	42.43	nq	92
76) Benzidine	12.60	184	579928	38.41	nq	99
77) Pyrene	12.70	202	1225950	36.72	nq	98
79) Butylbenzylphthalate	13.32	149	562750	40.04	nq #	74
80) Benzo(a)anthracene	13.89	228	1008904	37.21	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	388734	40.94	nq #	95
82) Chrysene	13.92	228	894739	35.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	743024	37.93	nq	100
84) Di-n-octyl phthalate	14.48	149	1293319	39.61	nq	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	736806	35.09	nq #	93
87) Benzo(b)fluoranthene	14.91	252	1111380m	49.27	nq	
88) Benzo(k)fluoranthene	14.94	252	652133m	29.98	nq	
89) Benzo(a)pyrene	15.25	252	820033	39.78	nq	97
90) Dibenzo(a,h)anthracene	16.67	278	637653	37.39	nq	98
91) Benzo(g,h,i)perylene	17.07	276	635657	36.32	nq #	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

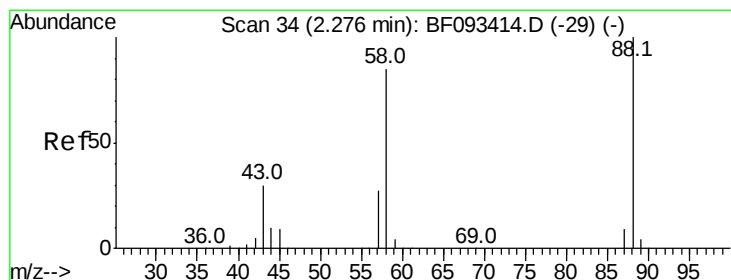
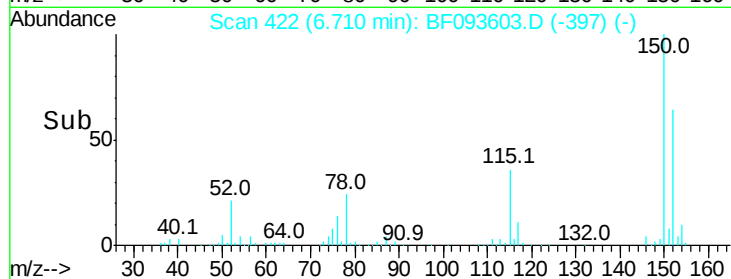
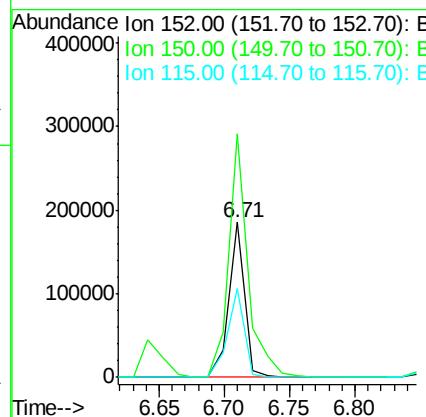
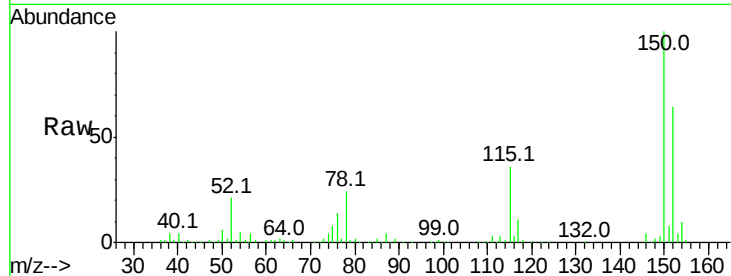
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	57.0	46.0	69.0

Manual Integrations
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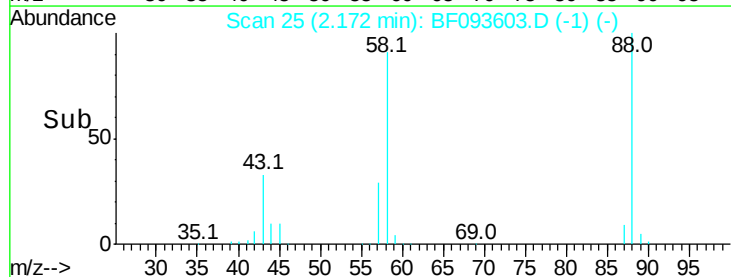
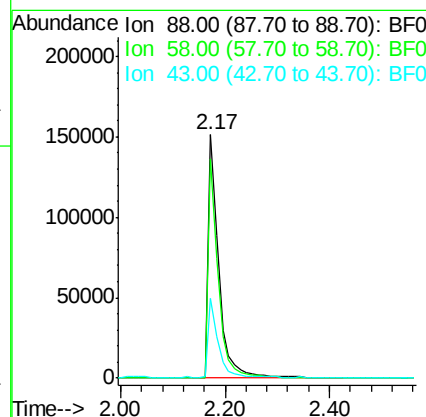
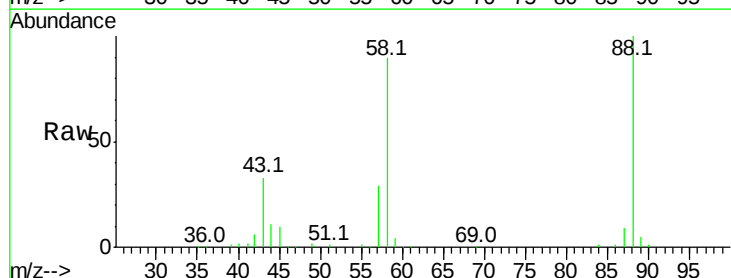
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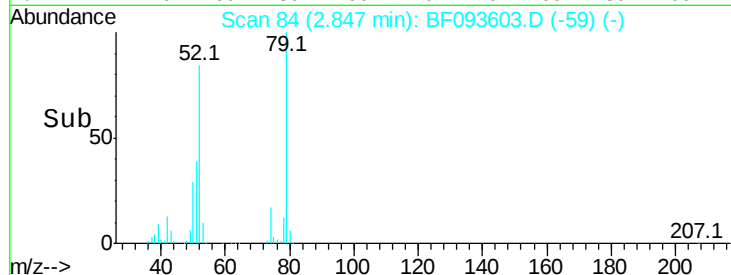
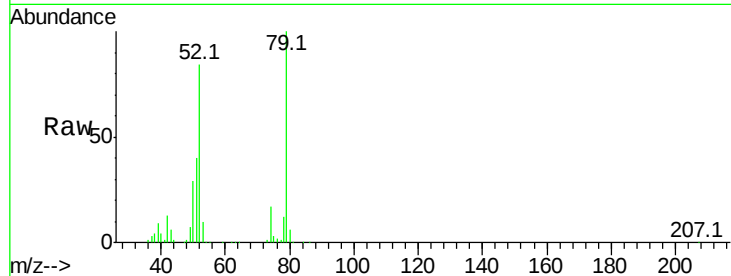
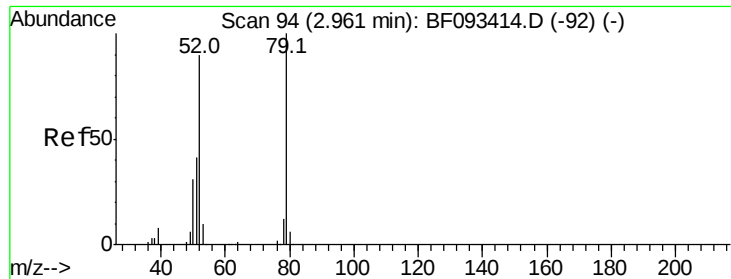


#2

1,4-Dioxane
Concen: 41.38 ng
RT: 2.17 min Scan# 25
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	57.8	86.8
43	30.7	22.3	33.5





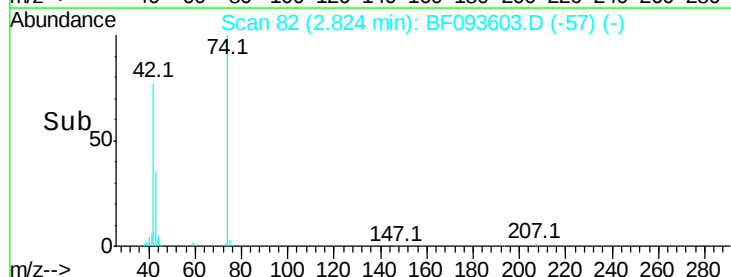
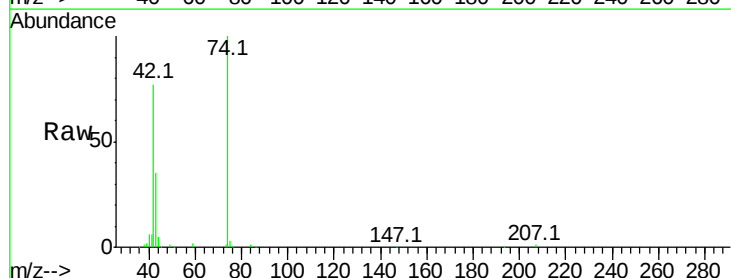
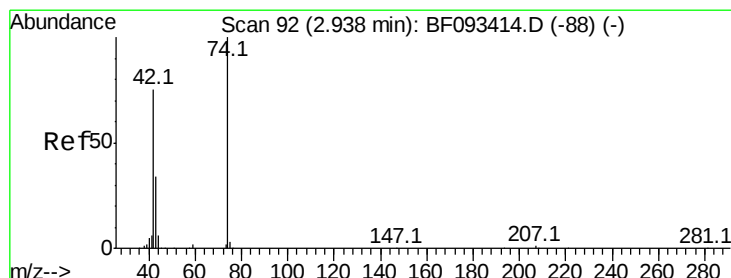
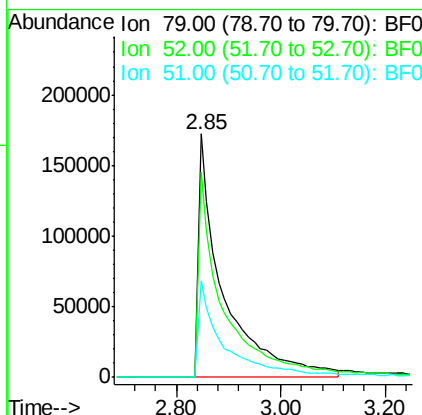
#3
Pvridine
Concen: 42.60 ng
RT: 2.85 min Scan# 84
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	566744		
52	52	84.5		57.1	85.7
51	51	39.8		27.3	40.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

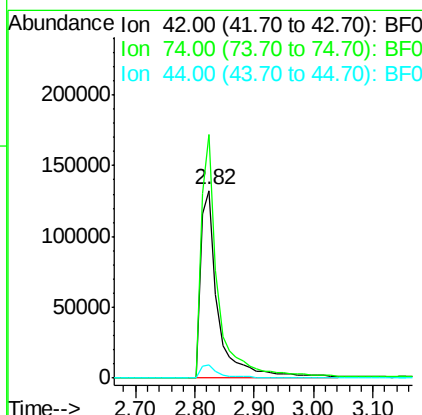
Manual Integrations
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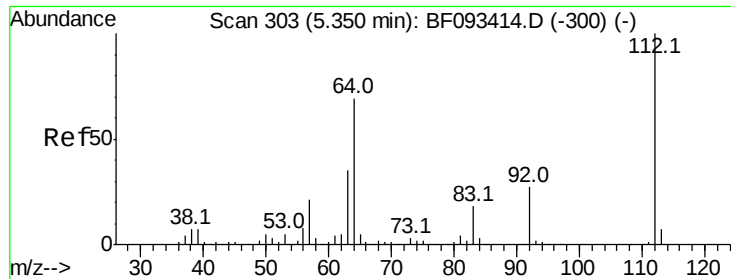
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#4
n-Nitrosodimethylamine
Concen: 44.09 ng
RT: 2.82 min Scan# 82
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	280131		
74	74	129.9		117.0	175.4
44	44	7.1		5.5	8.3





#5

2-Fluorophenol

Concen: 92.03 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.02 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

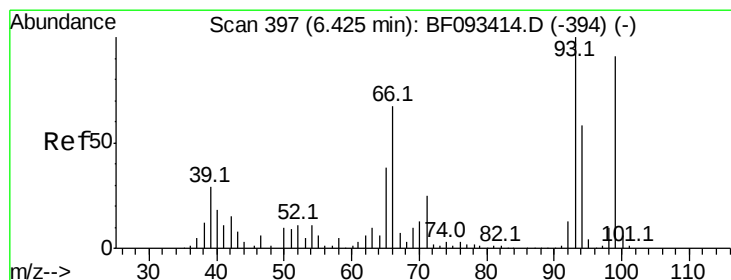
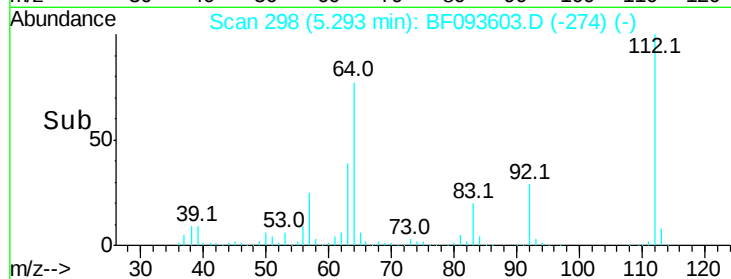
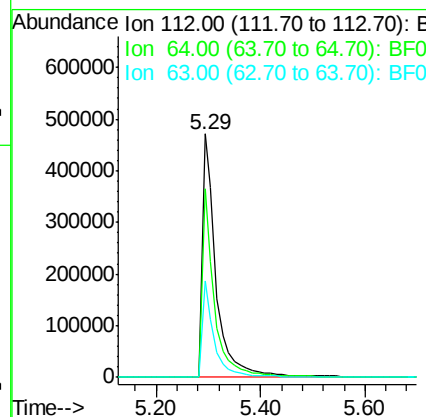
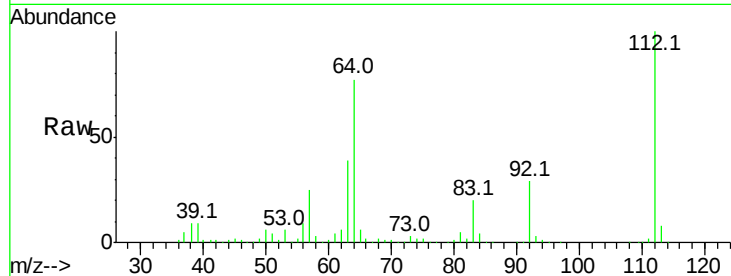
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	871725
Ion Ratio	Lower	Upper	
112	100		
64	77.4	46.1	69.1#
63	39.4	23.8	35.6#

Manual Integrations
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#6

Aniline

Concen: 40.67 ng

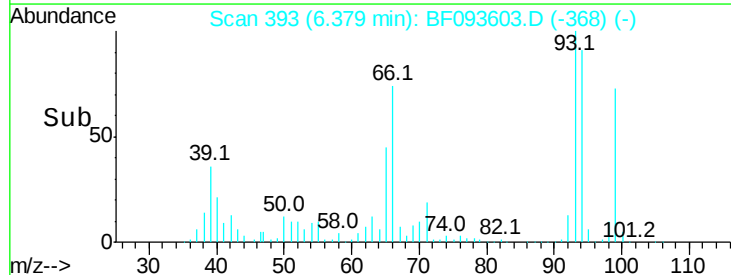
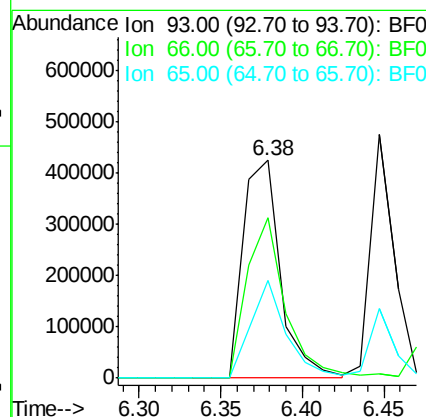
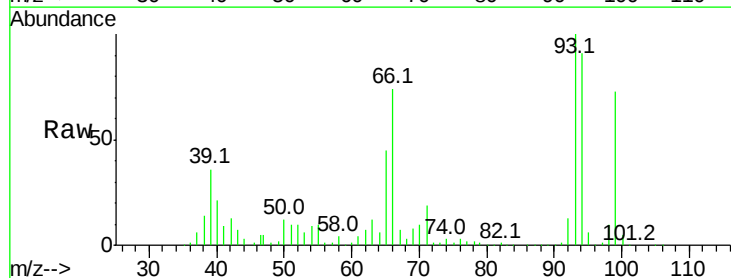
RT: 6.38 min Scan# 393

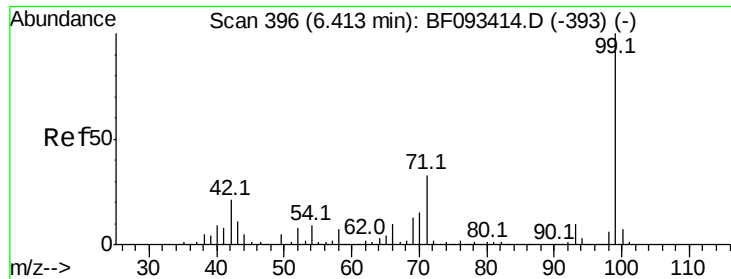
Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion:	93	Resp:	666687
Ion Ratio	Lower	Upper	
93	100		
66	73.7	76.2	114.2#
65	45.0	49.3	73.9#





#7

Phenol-d6

Concen: 75.40 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

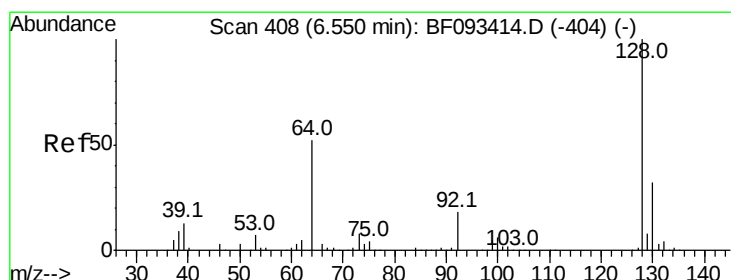
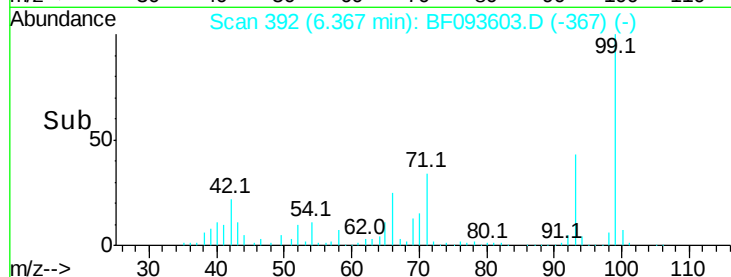
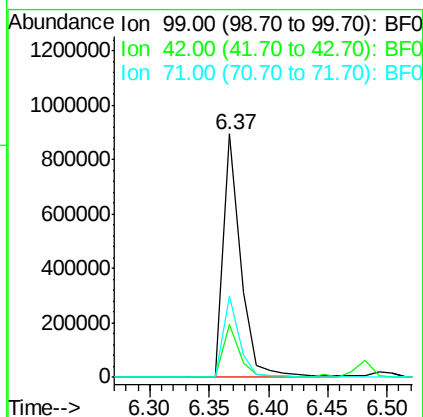
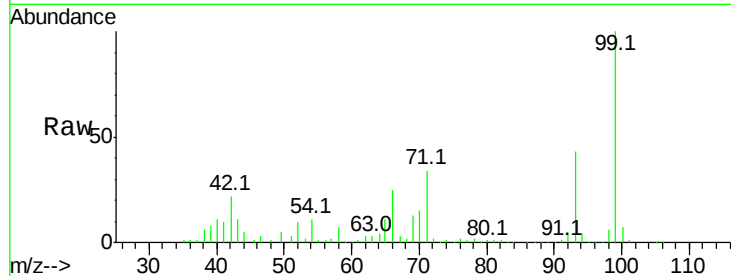
ClientSampleId :

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Tot Ion	99	Resp	900715
Ion Ratio	Lower	Upper	
99	100		
42	21.9	15.6	23.4
71	33.5	27.5	41.3

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#8

2-Chlorophenol

Concen: 40.62 ng

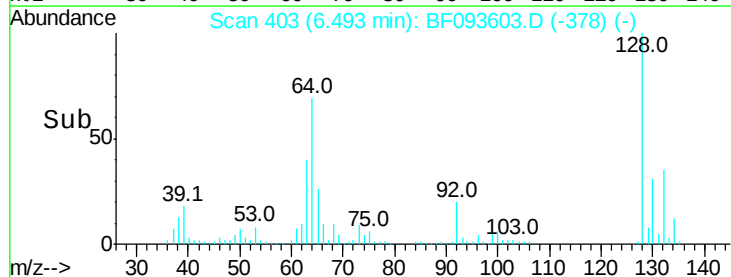
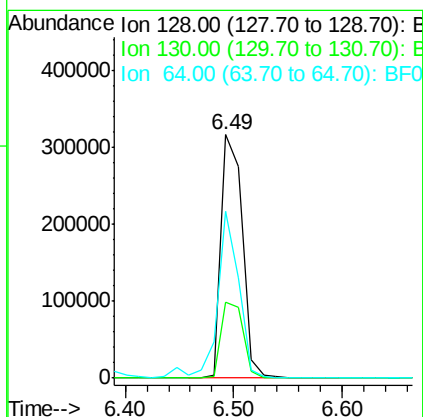
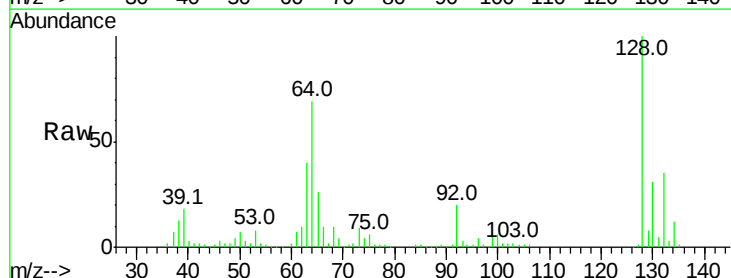
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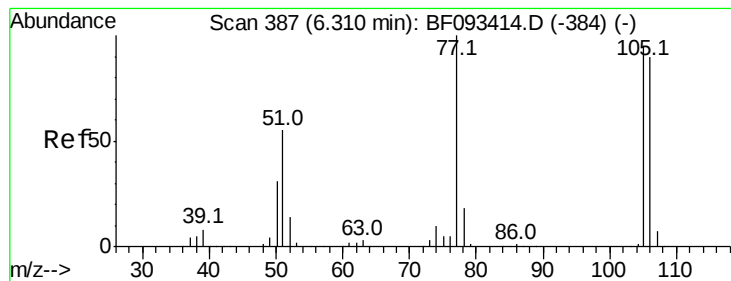
Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion	128	Resp	431160
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.3	52.3
64	68.7	32.2	72.2





#9

Benzaldehyde

Concen: 41.76 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

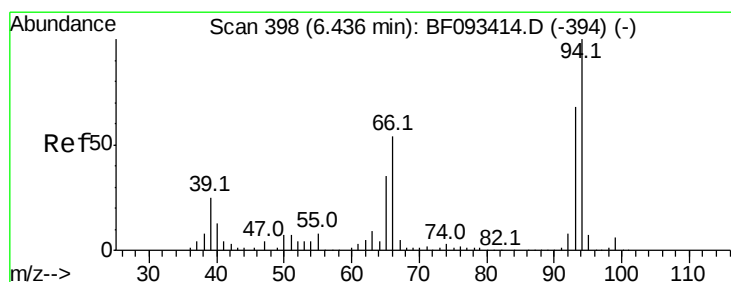
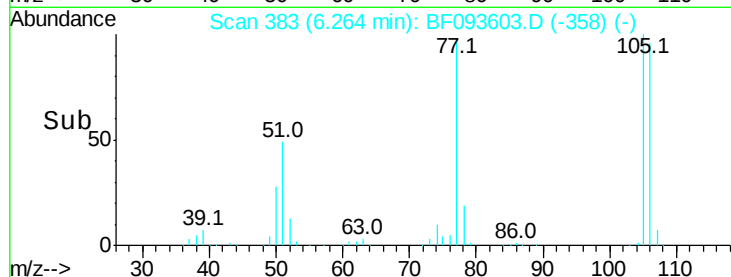
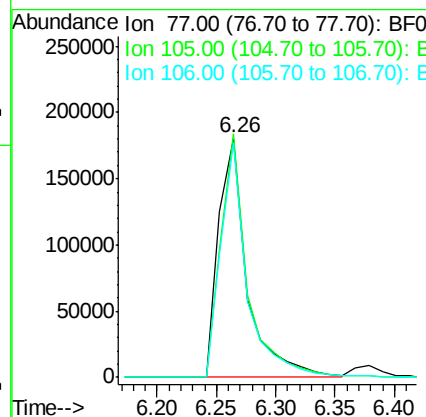
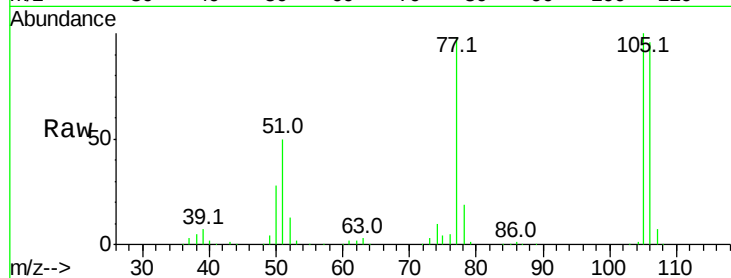
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	299636
Ion Ratio	Lower	Upper	
77	100		
105	102.0	83.9	123.9
106	98.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 43.11 ng

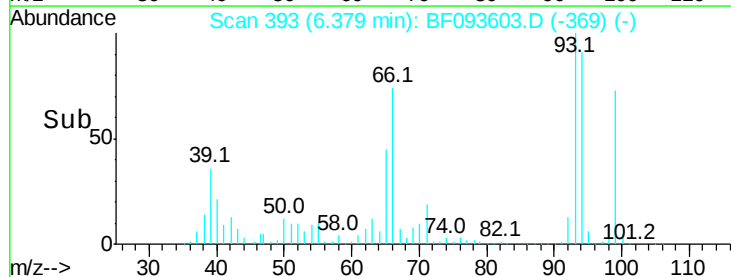
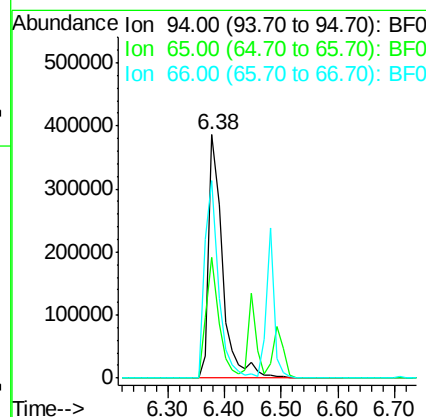
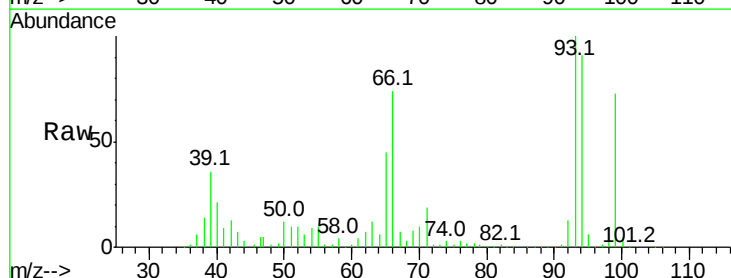
RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion:	94	Resp:	630983
Ion Ratio	Lower	Upper	
94	100		
65	49.6	21.4	61.4
66	81.1	44.0	84.0





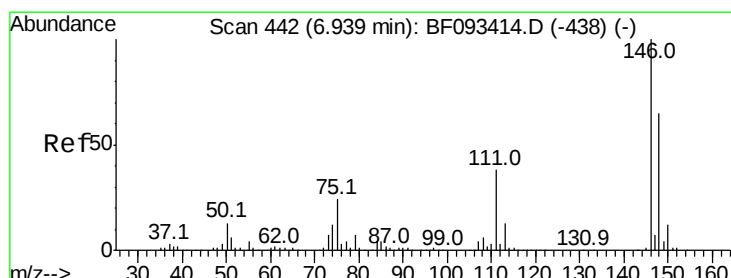
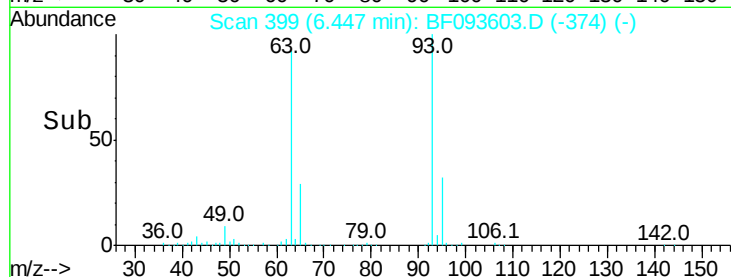
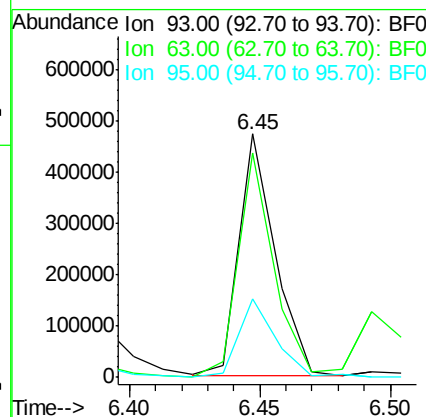
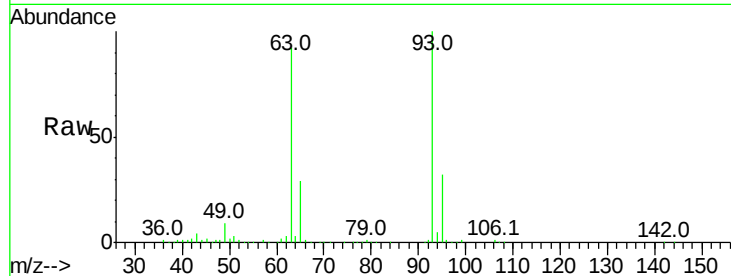
#11
bis(2-Chloroethyl)ether
Concen: 38.91 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.2	60.4	100.4
95	32.2	12.8	52.8

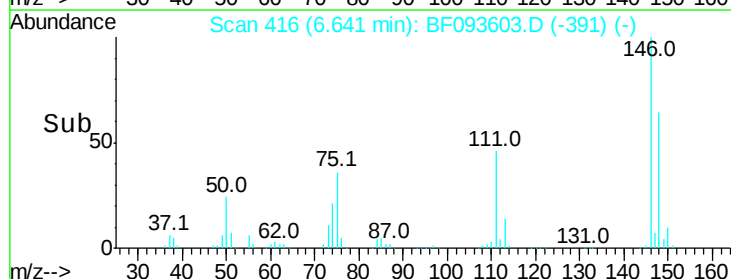
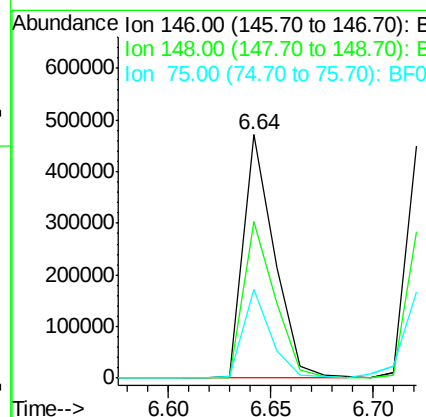
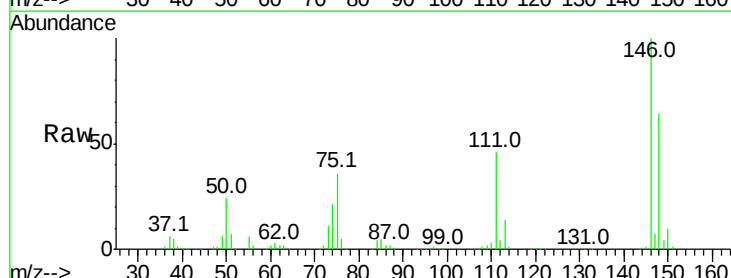
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 40.68 ng m
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.0
75	36.2	18.5	27.7





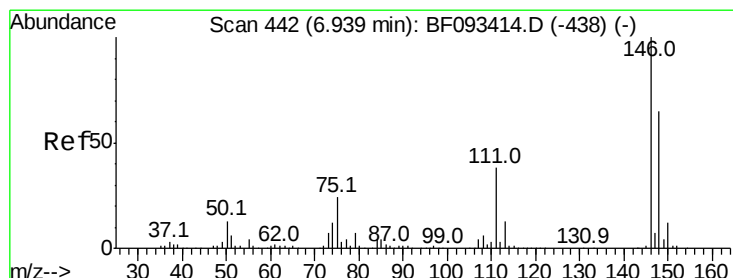
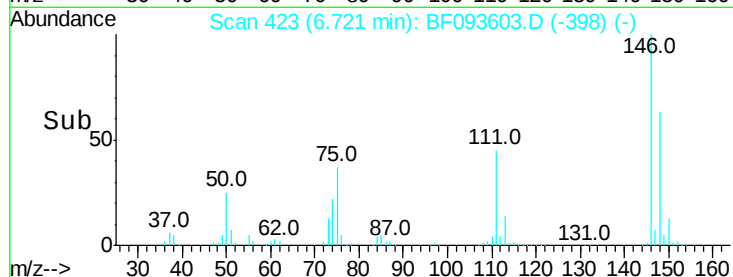
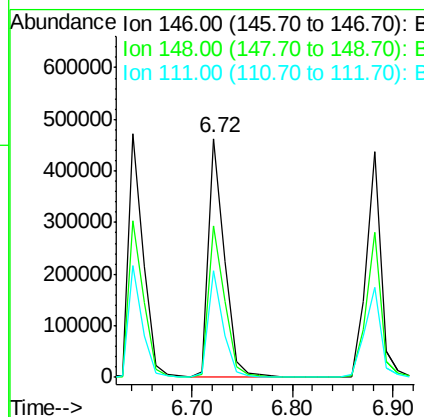
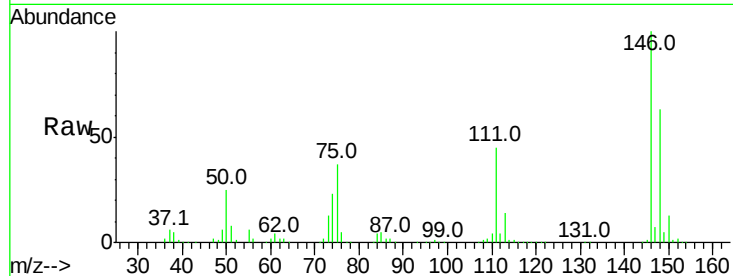
#13
 1,4-Dichlorobenzene
 Concen: 41.29 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	44.8	36.2	54.4

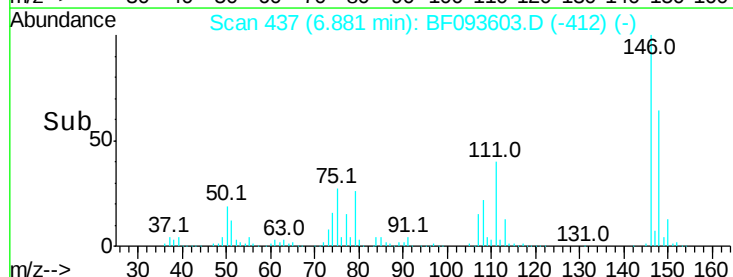
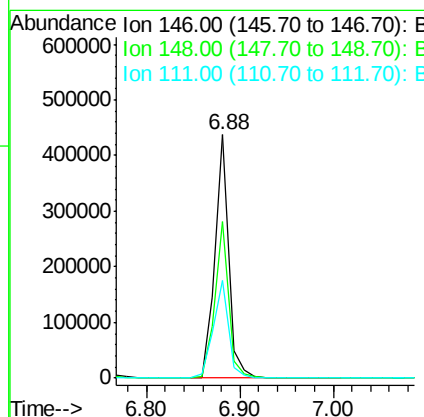
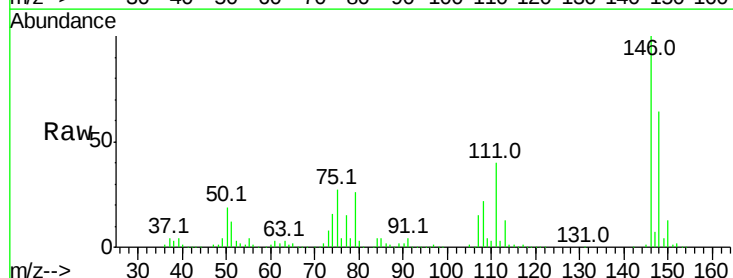
Manual Integrations
 APPROVED

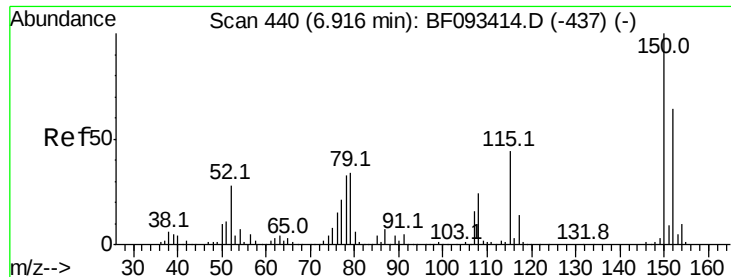
mohammad
 3/15/2017 5:37:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.75 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	40.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.12 ng

RT: 6.87 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion: 79 Resp: 375670

Ion Ratio Lower Upper

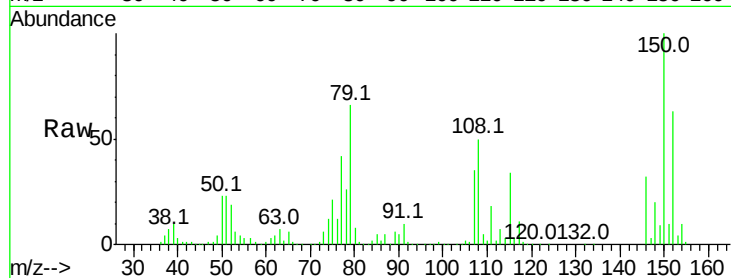
79 100

108 76.2 61.4 92.0

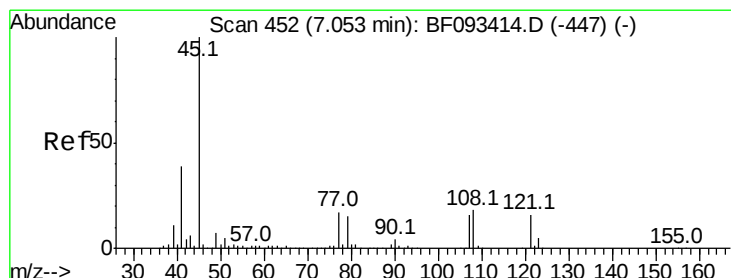
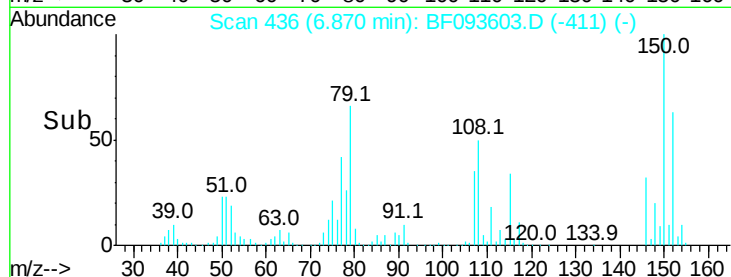
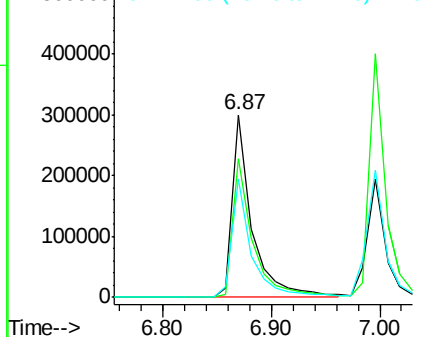
77 64.7 50.9 76.3

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.96 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

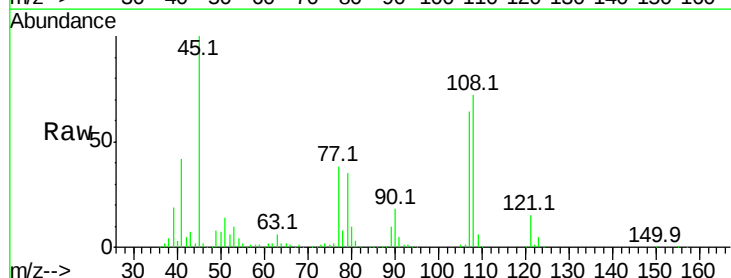
Tgt Ion: 45 Resp: 824602

Ion Ratio Lower Upper

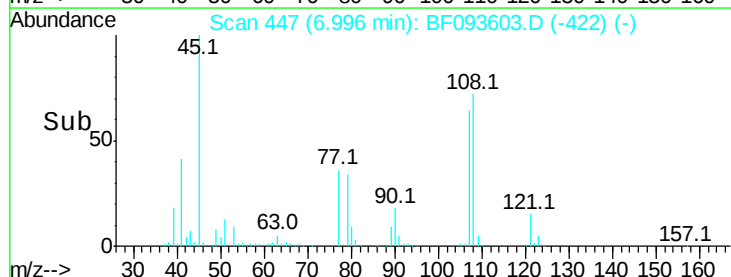
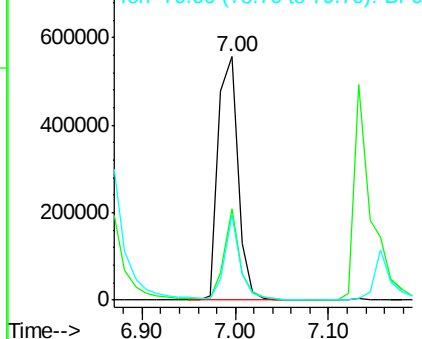
45 100

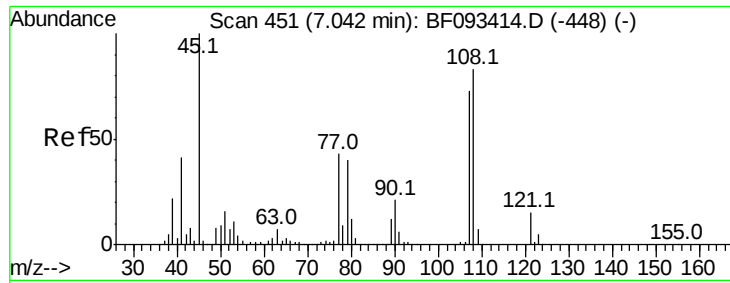
77 37.5 0.0 34.6#

79 35.0 0.0 31.2#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





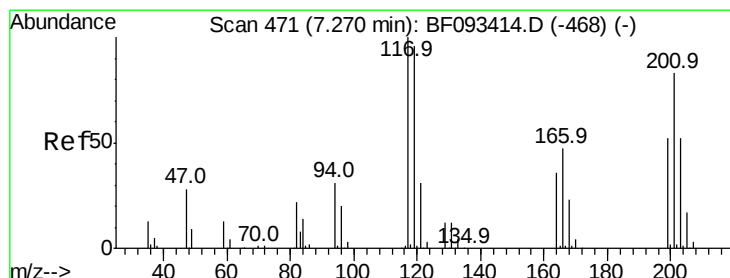
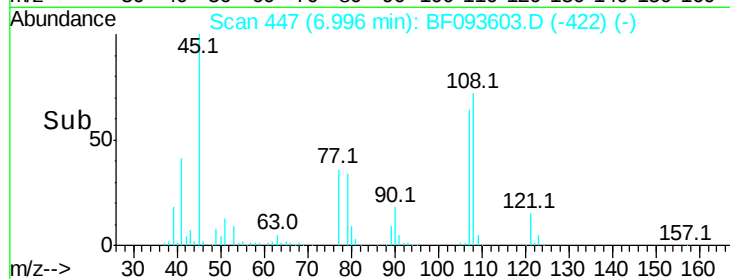
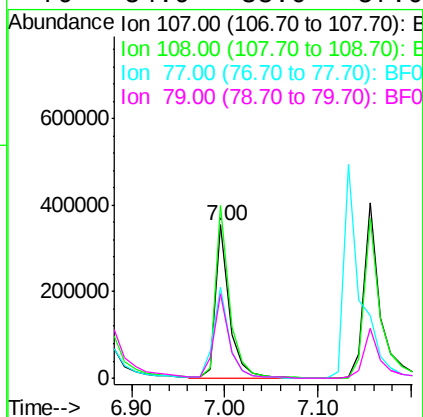
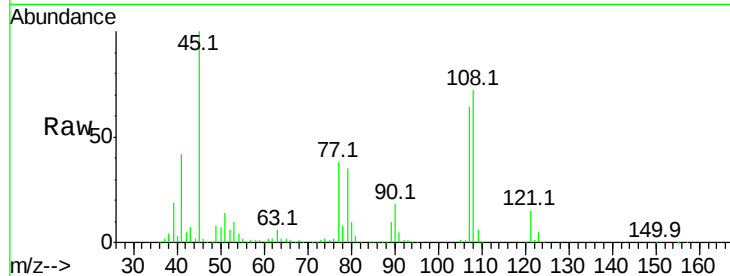
#17
2-Methylphenol
Concen: 40.39 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.0	139.6
77	58.9	39.8	59.8
79	54.9	38.0	57.0

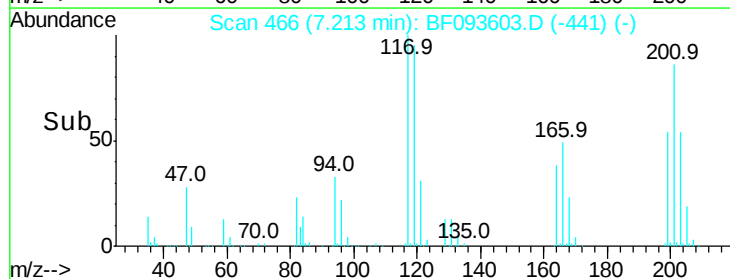
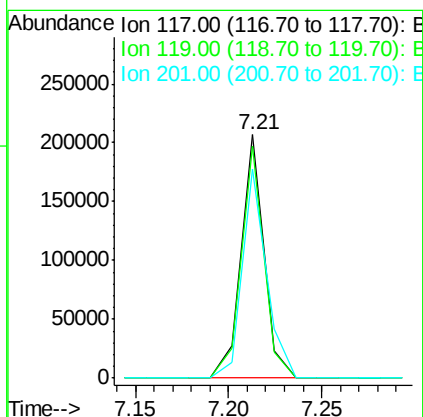
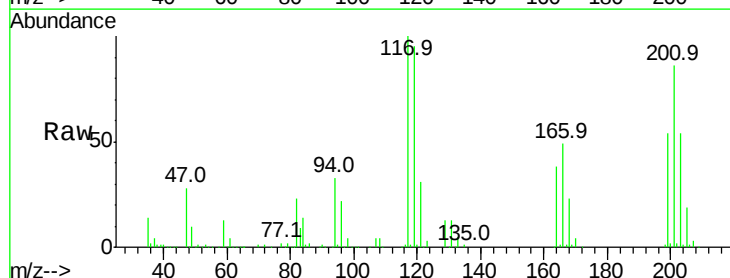
Manual Integrations
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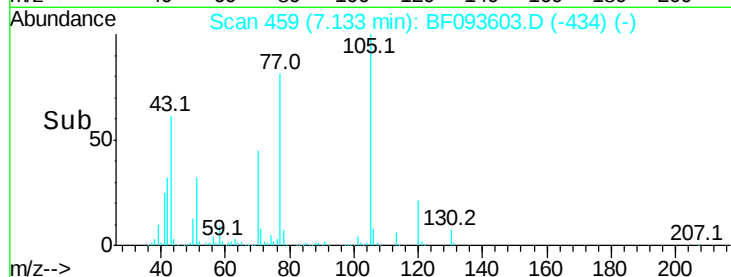
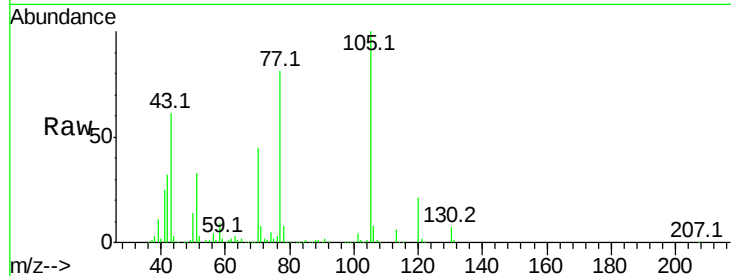
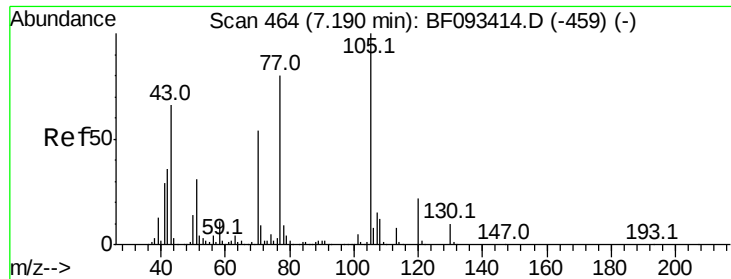
mohammad
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#18
Hexachloroethane
Concen: 42.00 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.1	117.1
201	85.9	78.6	117.8





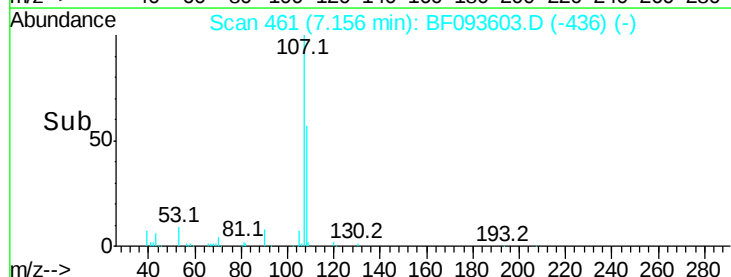
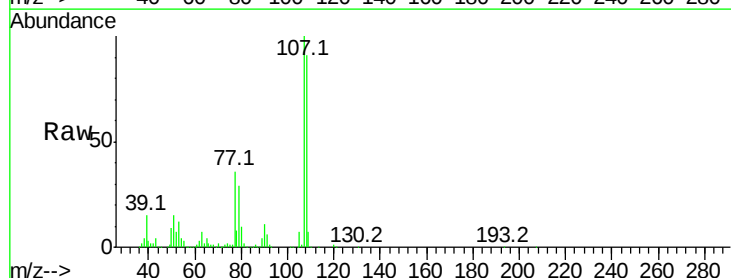
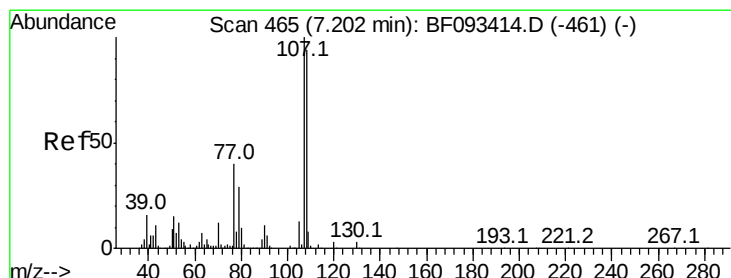
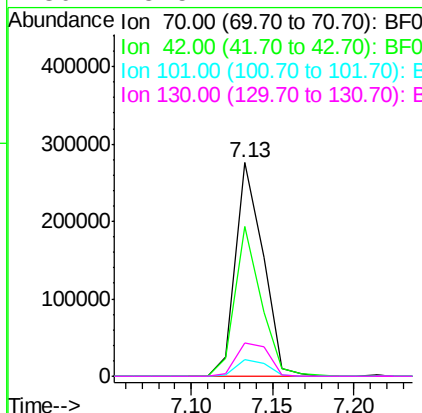
#19
n-Nitroso-di-n-propylamine
Concen: 39.16 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.1	49.4	74.0
101	8.1	7.4	11.2
130	15.5	14.2	21.4

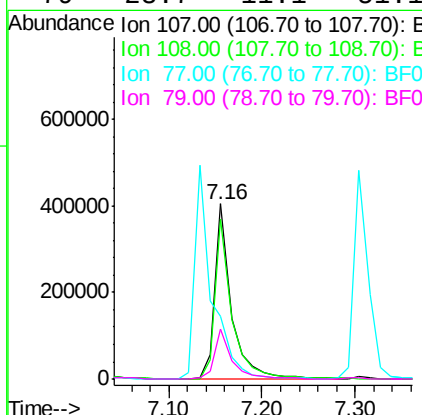
Manual Integrations
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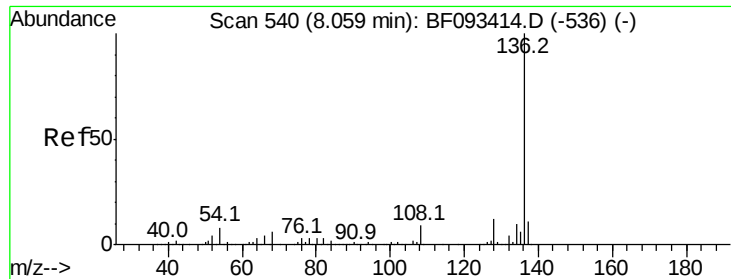
mohammad
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#20
3+4-Methylphenols
Concen: 42.81 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	73.0	113.0
77	35.9	71.3	111.3#
79	28.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 667989
Ion Ratio Lower Upper

136 100

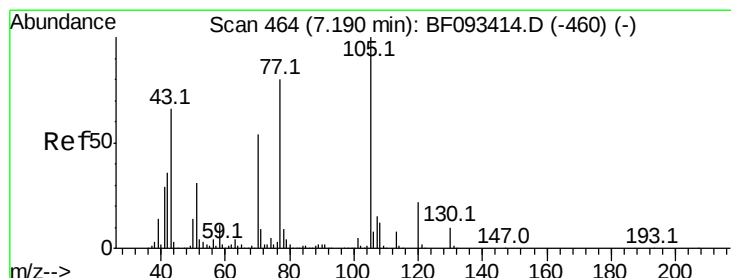
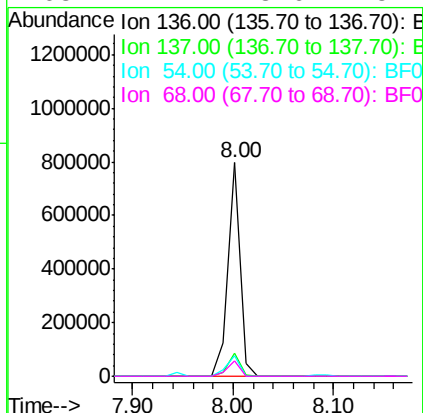
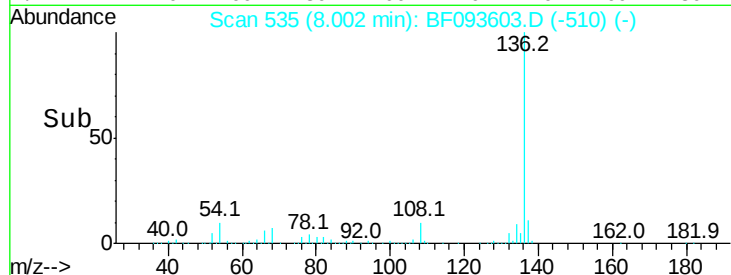
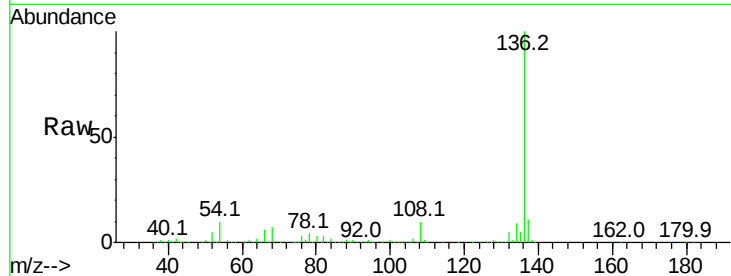
137 10.9 8.4 12.6

54 9.7 4.5 6.7#

68 7.2 3.6 5.4#

Manual Integrations
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#22

Acetophenone

Concen: 38.15 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

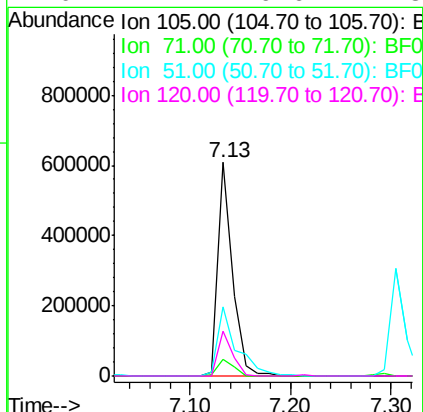
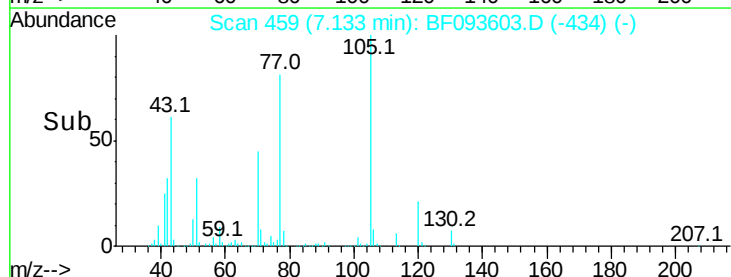
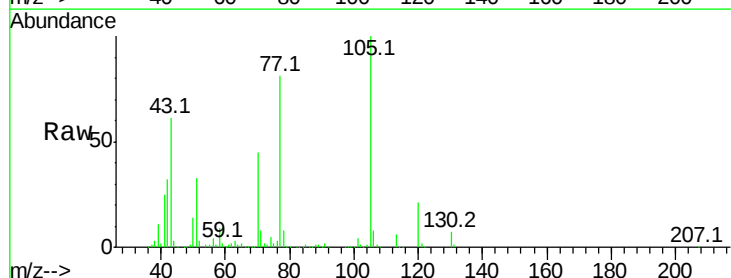
Tgt Ion:105 Resp: 613173
Ion Ratio Lower Upper

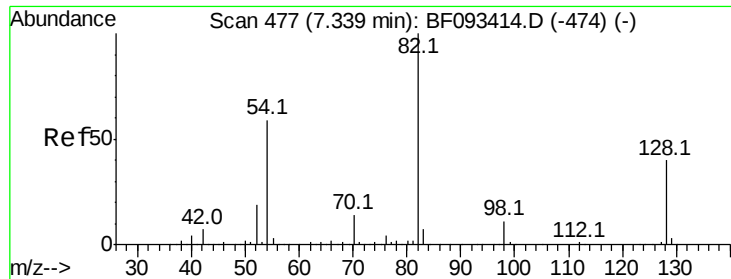
105 100

71 7.7 3.2 4.8#

51 32.6 26.2 39.4

120 21.1 16.6 24.8





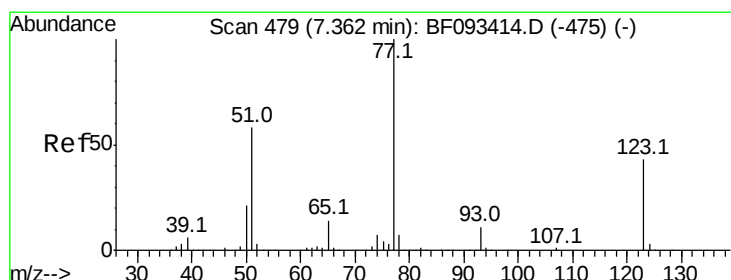
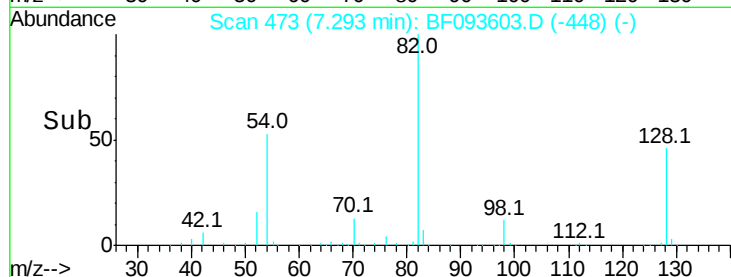
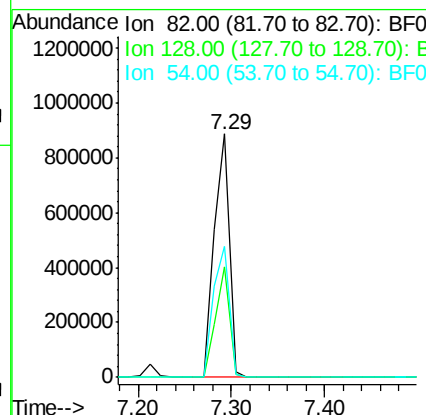
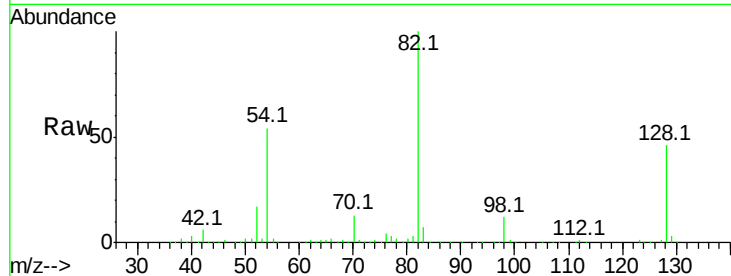
#23
 Nitrobenzene-d5
 Concen: 83.26 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1002394
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.6 52.0
 54 53.6 39.5 59.3

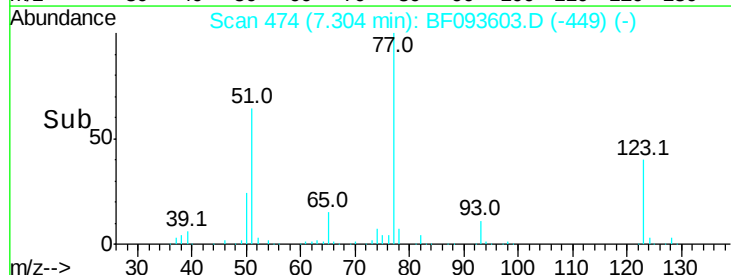
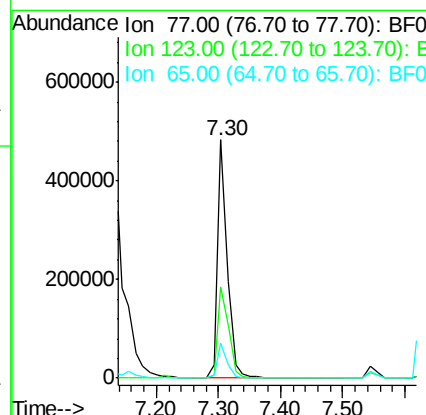
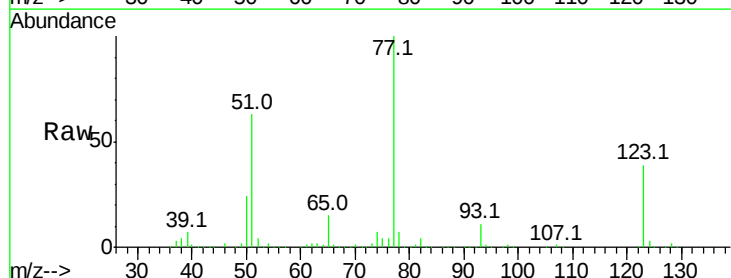
Manual Integrations
 APPROVED

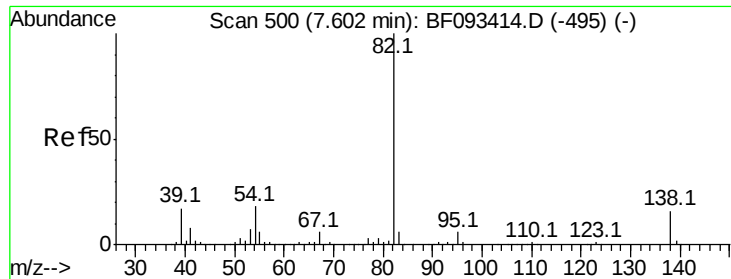
mohammad
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#24
 Nitrobenzene
 Concen: 38.21 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion: 77 Resp: 517050
 Ion Ratio Lower Upper
 77 100
 123 38.5 33.0 49.4
 65 14.6 11.2 16.8





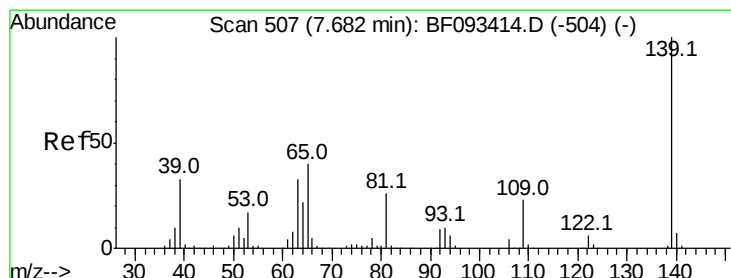
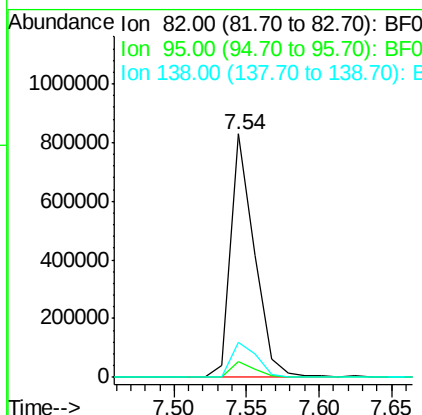
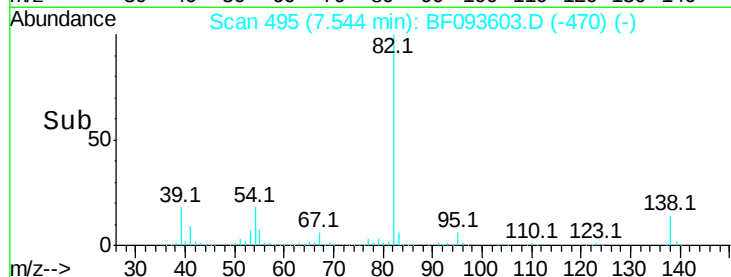
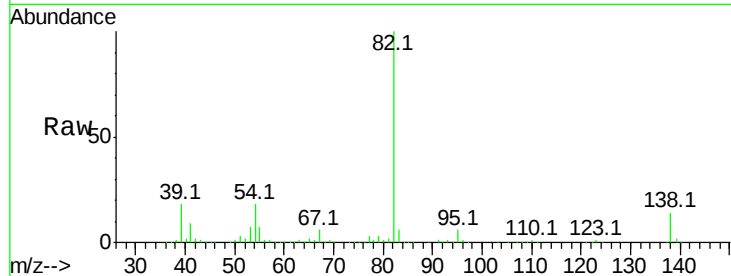
#25
Isophorone
Concen: 38.78 ng
RT: 7.54 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.3	5.6	8.4	
138	14.5	14.6	22.0	

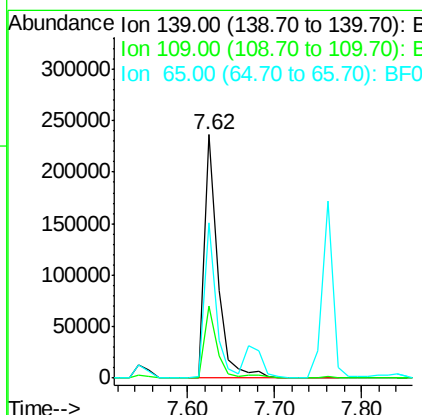
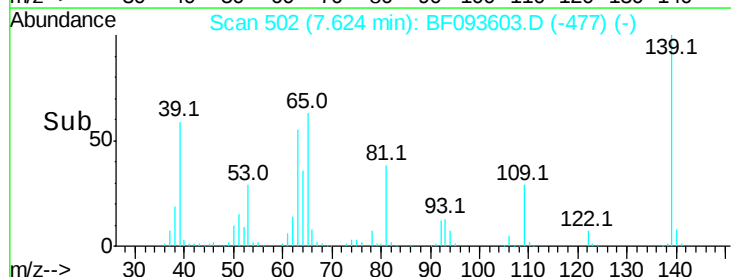
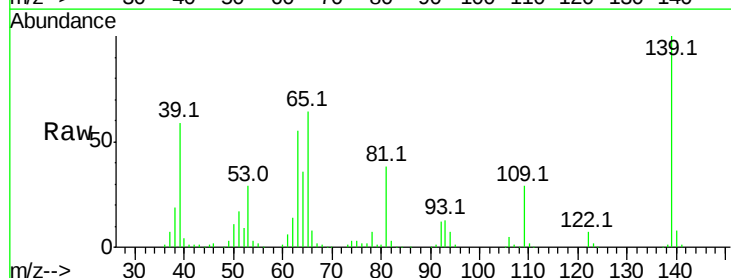
Manual Integrations
APPROVED

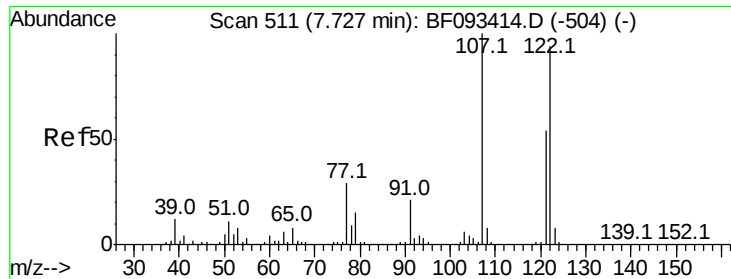
mohammad
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#26
2-Nitrophenol
Concen: 40.33 ng
RT: 7.62 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.5	23.3	34.9	
65	63.8	42.7	64.1	





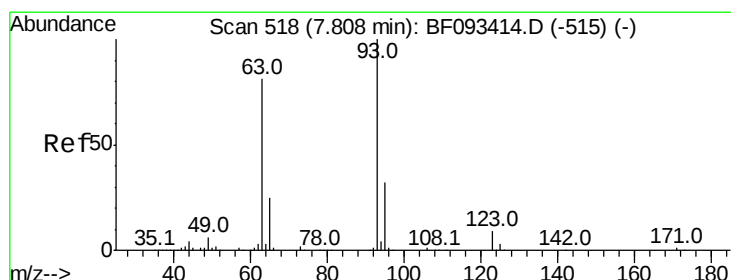
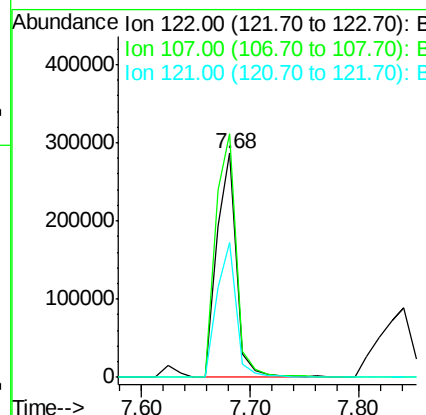
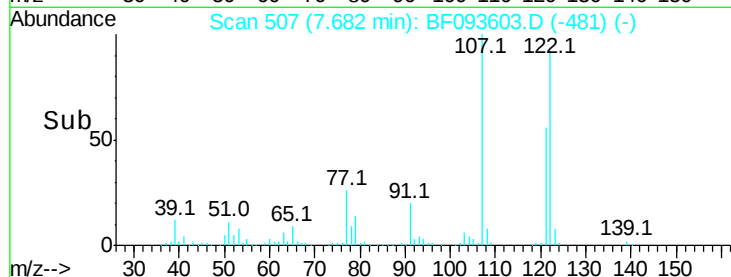
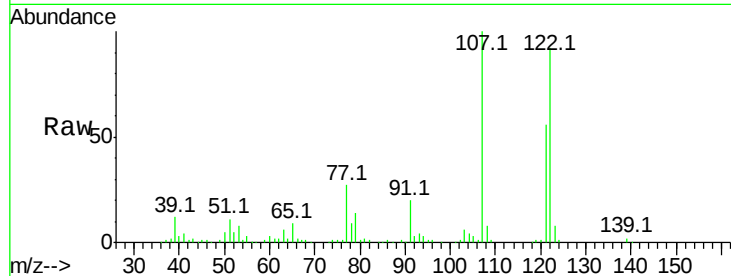
#27
2,4-Dimethylphenol
Concen: 36.01 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	94.1	141.1
121	60.4	46.0	69.0

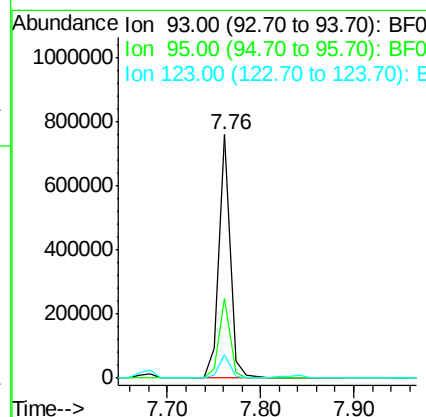
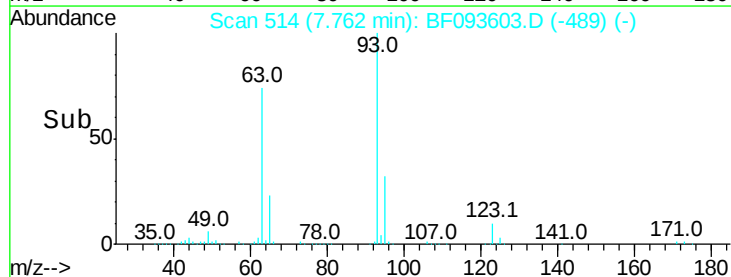
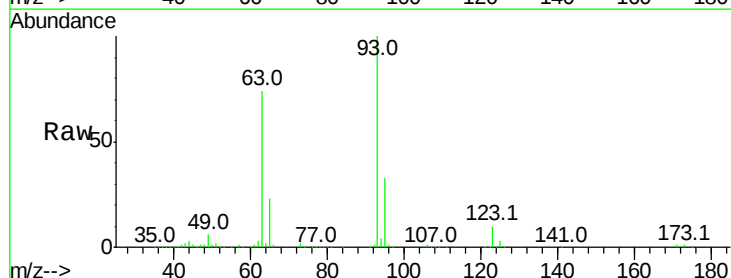
Manual Integrations
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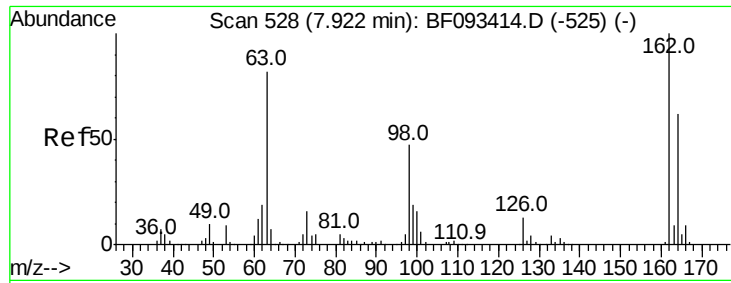
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.51 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	9.9	8.6	13.0





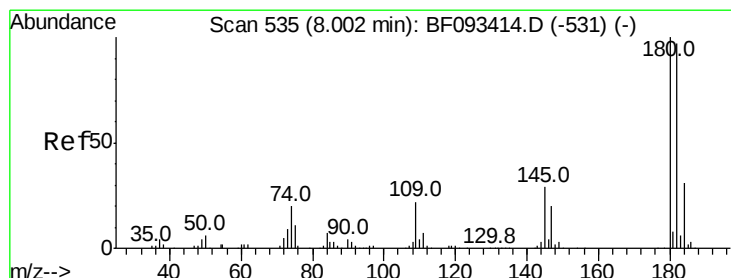
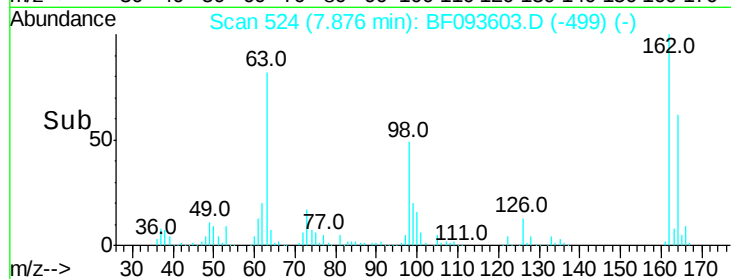
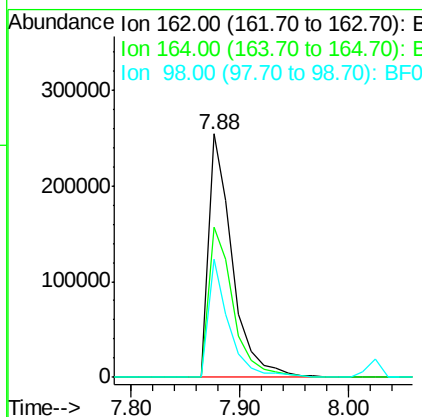
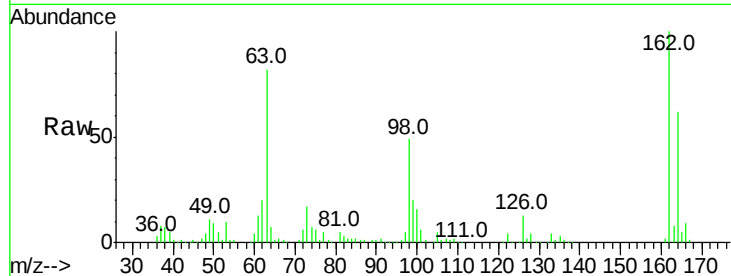
#29
 2,4-Dichlorophenol
 Concen: 40.85 ng
 RT: 7.88 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	385964		
164	61.7	46.8	86.8	
98	48.8	9.1	49.1	

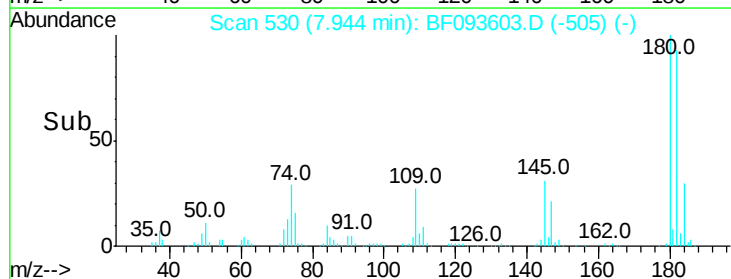
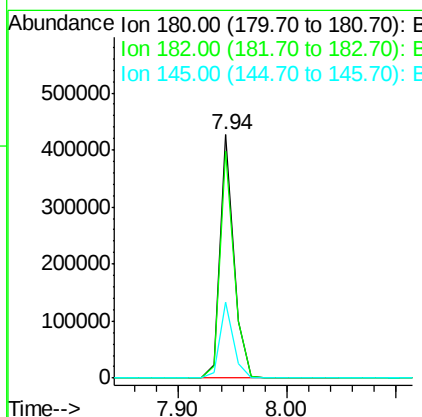
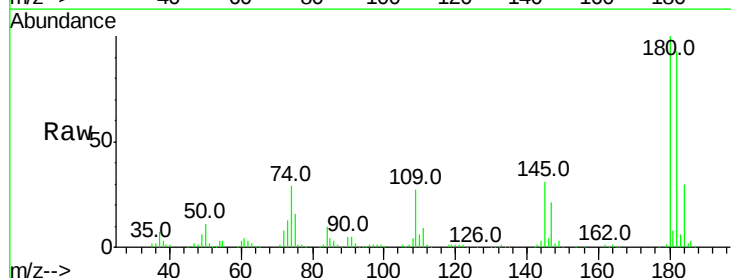
Manual Integrations
 APPROVED

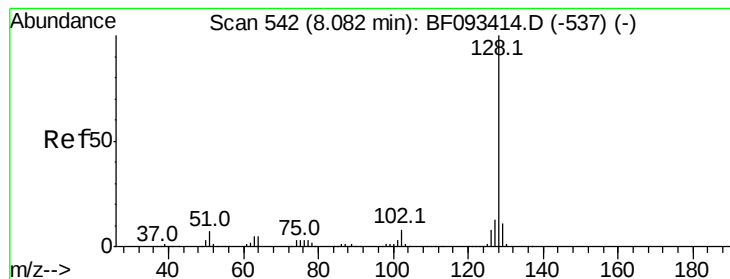
mohammad
 3/15/2017 5:37:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.79 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	379672		
182	93.0	78.2	117.4	
145	31.4	21.6	32.4	





#31

Naphthalene

Concen: 38.61 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1292323

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

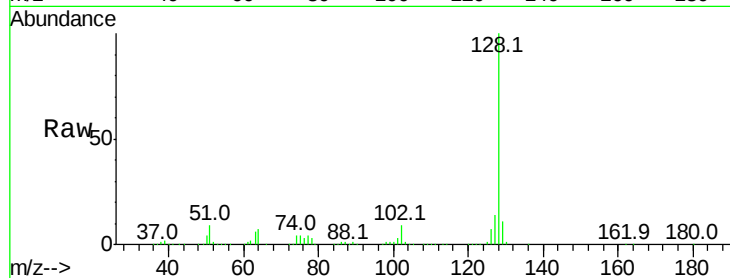
127 13.7 10.8 16.2

Manual Integrations

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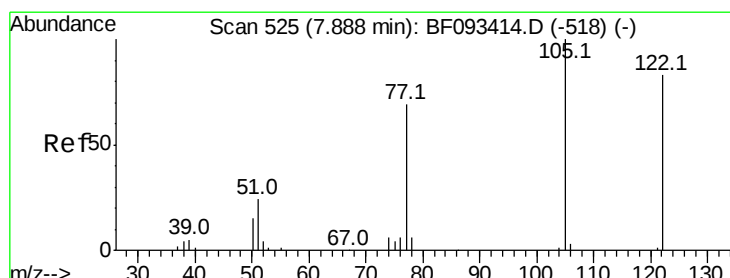
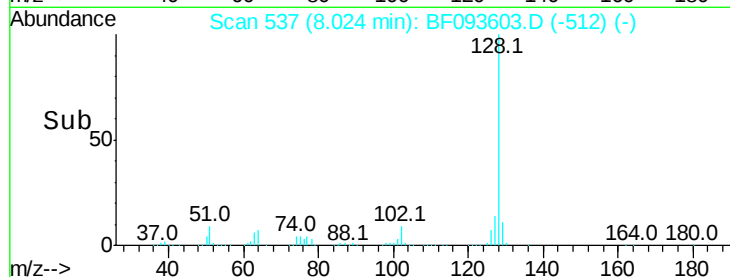
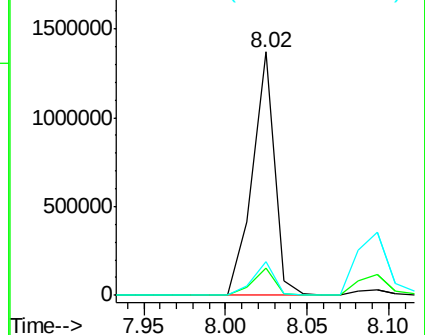
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.07 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

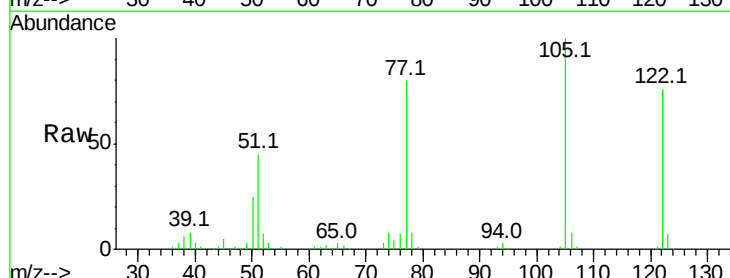
Tgt Ion:122 Resp: 193426

Ion Ratio Lower Upper

122 100

105 131.7 107.2 147.2

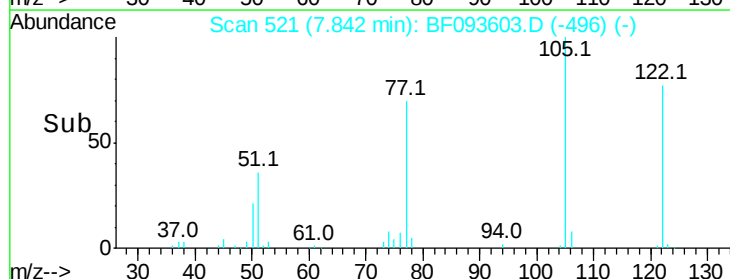
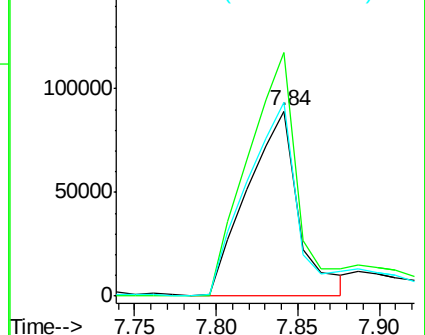
77 104.9 74.5 114.5

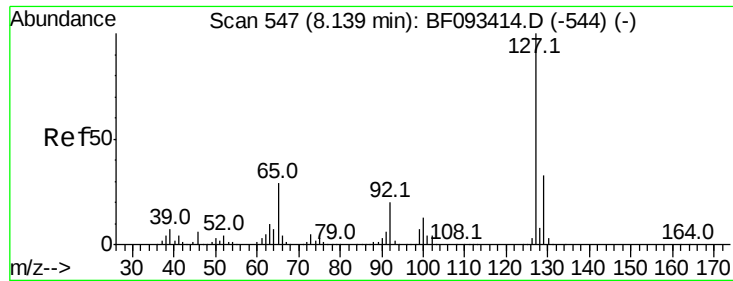


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





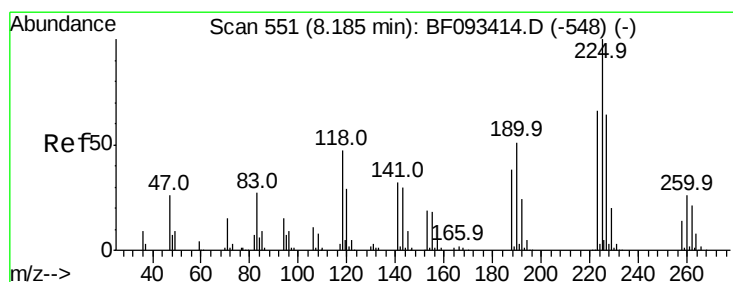
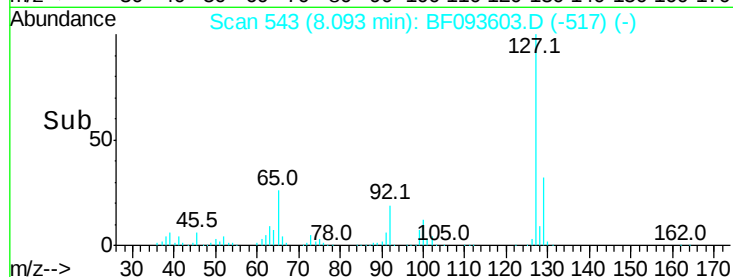
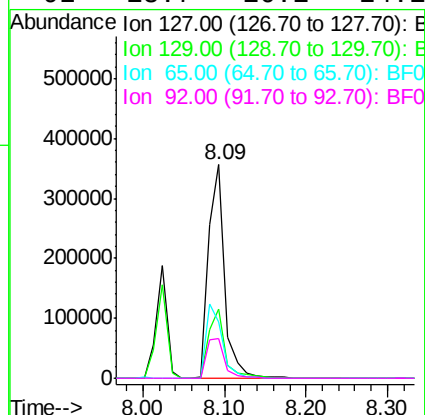
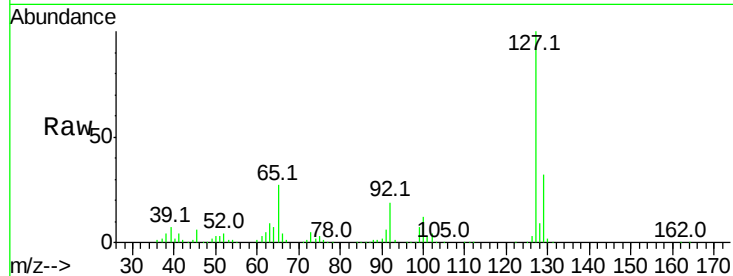
#33
4-Chloroaniline
Concen: 36.77 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.3	39.5		
65	26.7	25.8	38.8		
92	18.7	16.1	24.1		

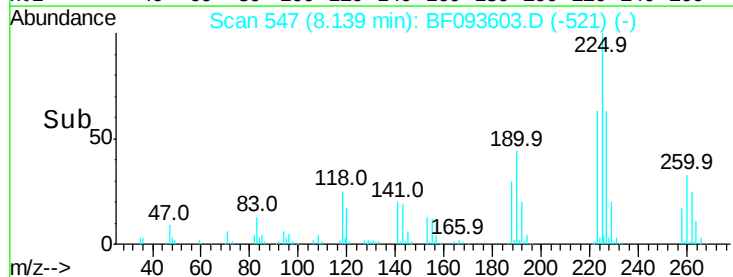
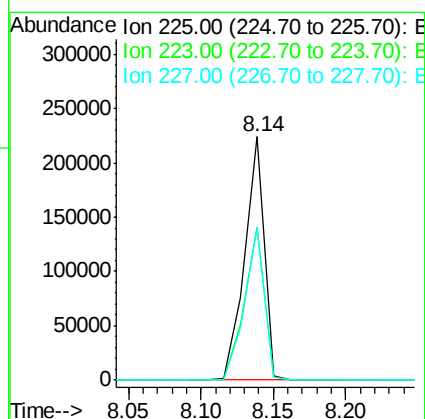
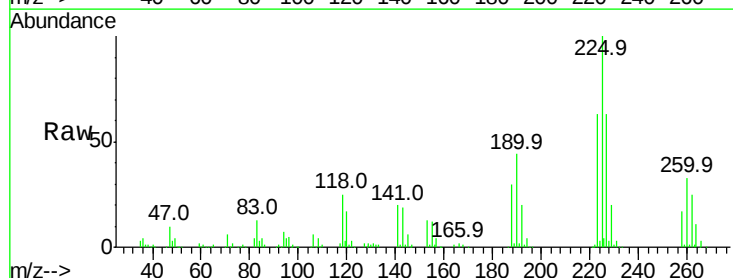
Manual Integrations
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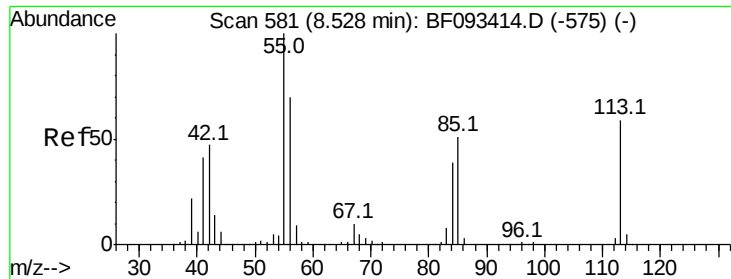
mohammad
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#34
Hexachlorobutadiene
Concen: 40.65 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	51.0	76.6		
227	63.0	50.6	76.0		





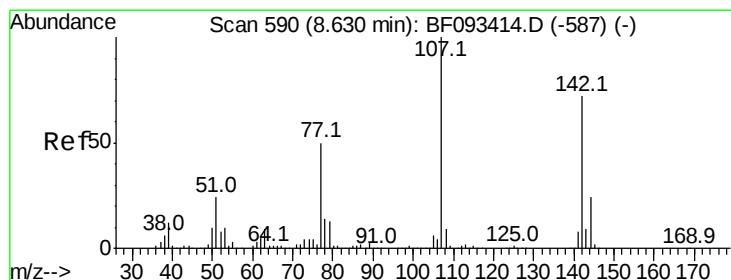
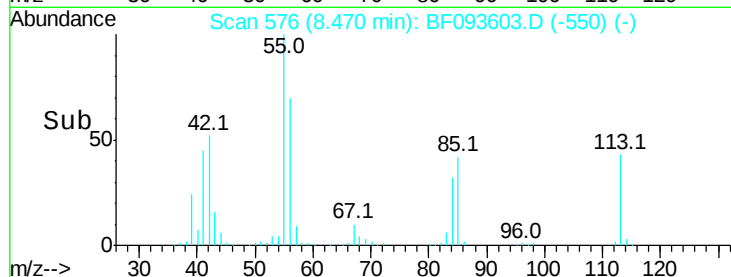
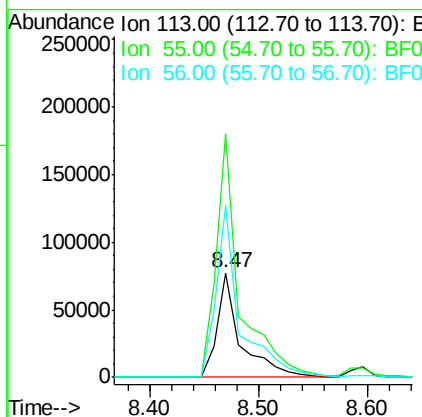
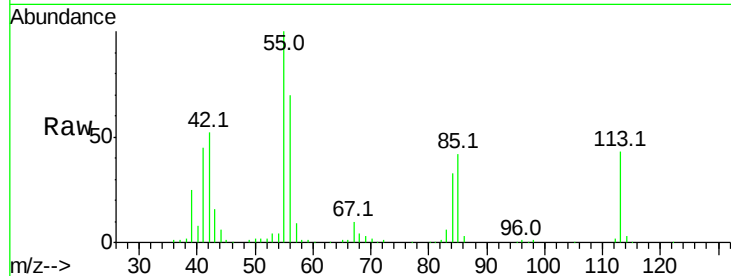
#35
 Caprolactam
 Concen: 36.34 ng
 RT: 8.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:113 Resp: 117244
 Ion Ratio Lower Upper
 113 100
 55 233.5 119.2 159.2#
 56 164.6 83.8 123.8#

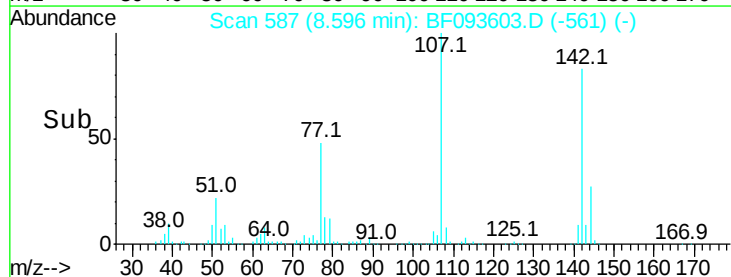
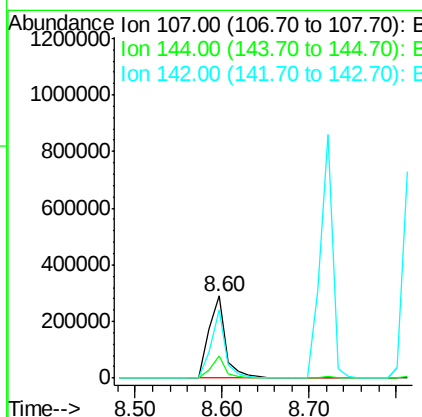
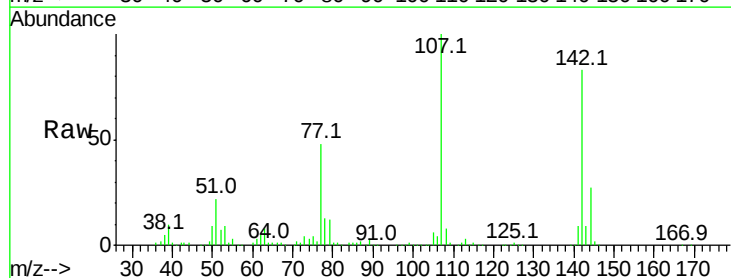
Manual Integrations
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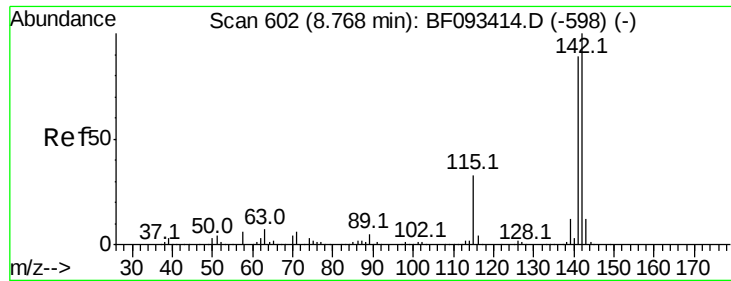
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#36
 4-Chloro-3-methylphenol
 Concen: 38.51 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:107 Resp: 388314
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.3 28.9
 142 83.4 59.0 88.6





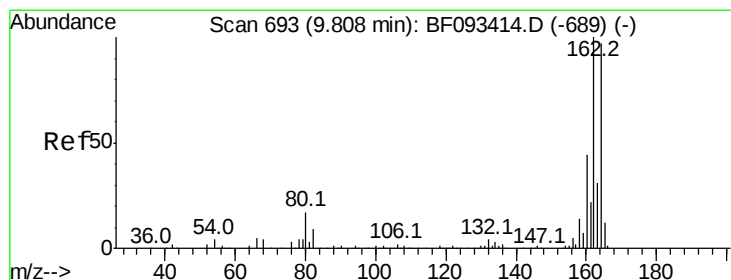
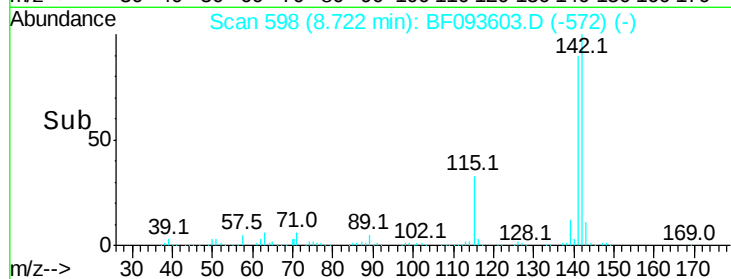
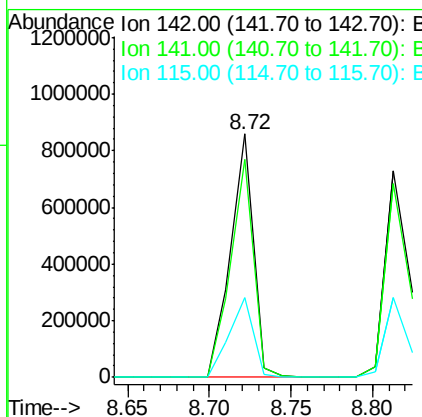
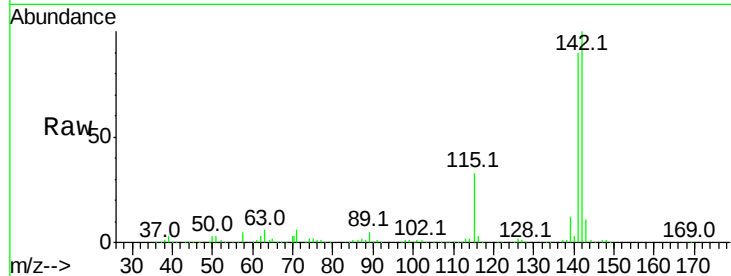
#37
2-Methylnaphthalene
Concen: 39.08 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	32.8	28.3	42.5

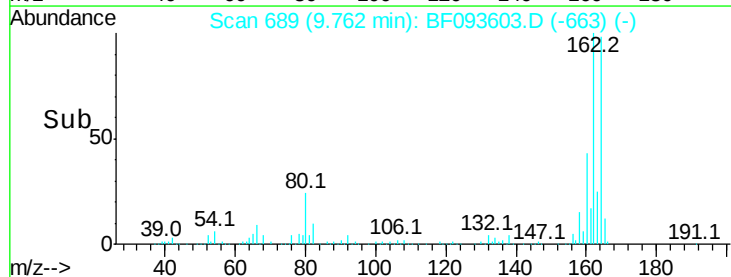
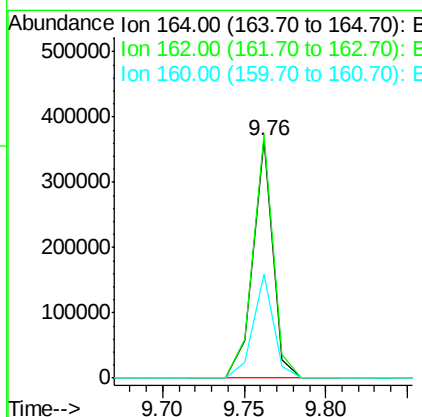
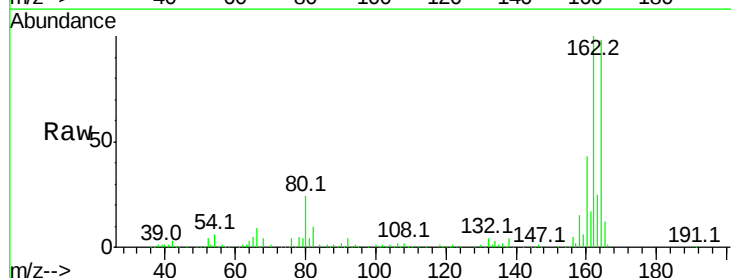
Manual Integrations
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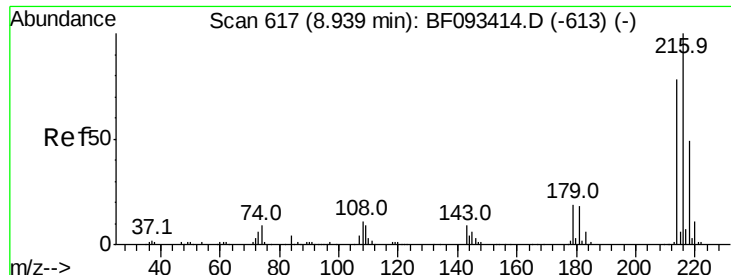
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.8	36.9	55.3





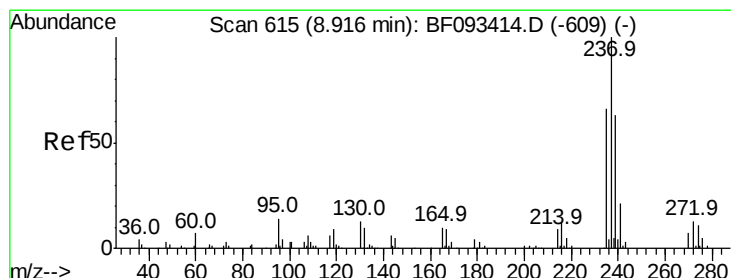
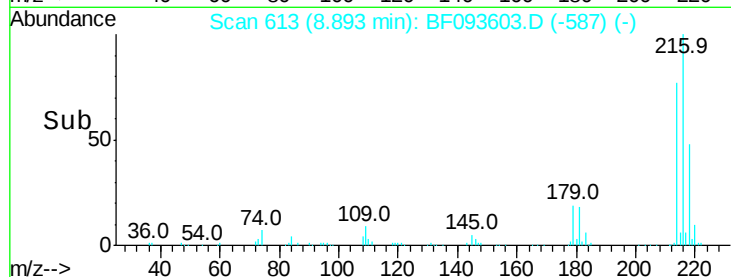
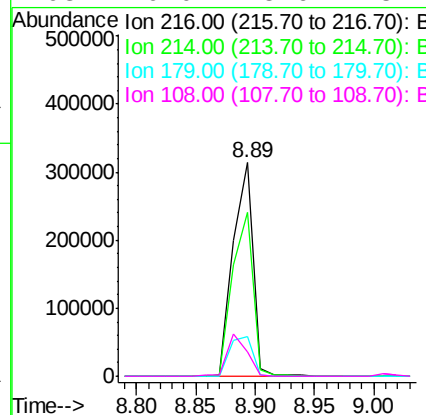
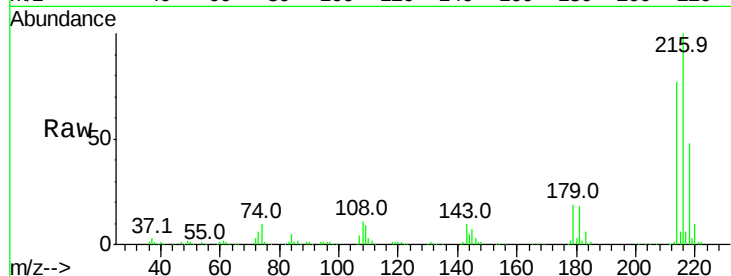
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.11 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	364763		
214	79.0	63.4	95.0	
179	21.6	17.4	26.2	
108	20.0	15.6	23.4	

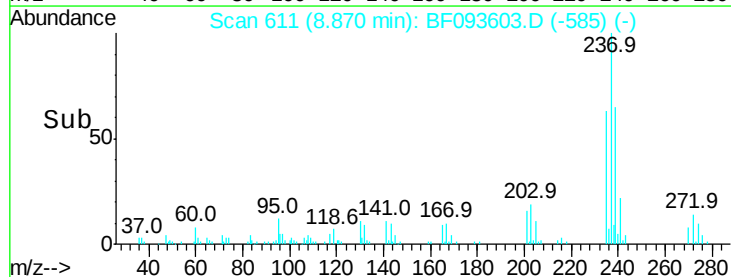
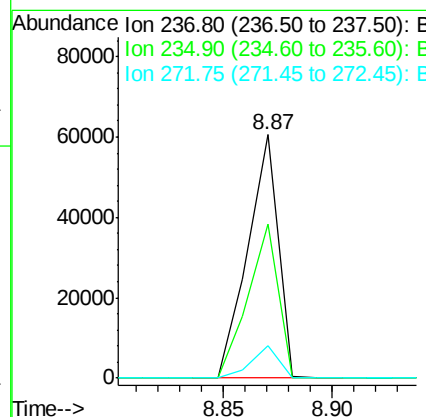
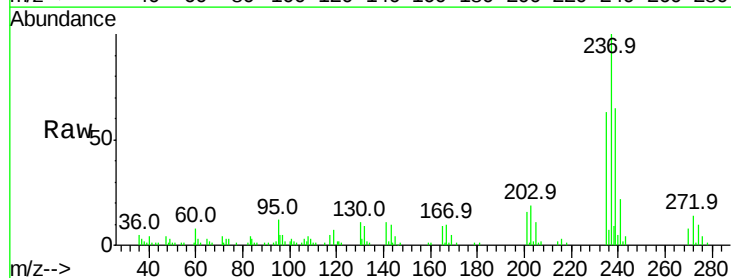
Manual Integrations
 APPROVED

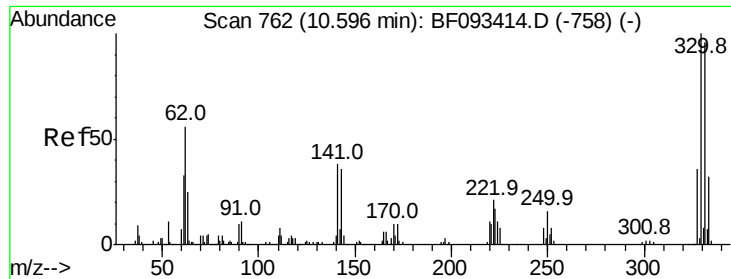
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 35.42 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	58698		
235	63.2	41.2	81.2	
272	13.5	0.0	35.4	





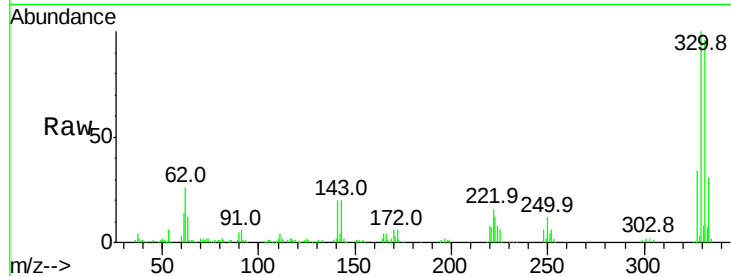
#41
 2,4,6-Tribromophenol
 Concen: 90.13 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

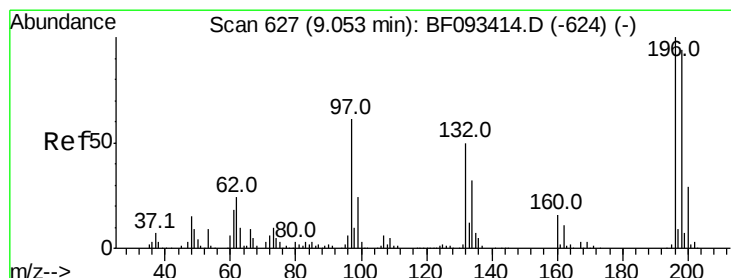
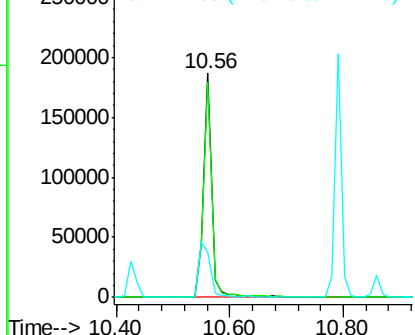
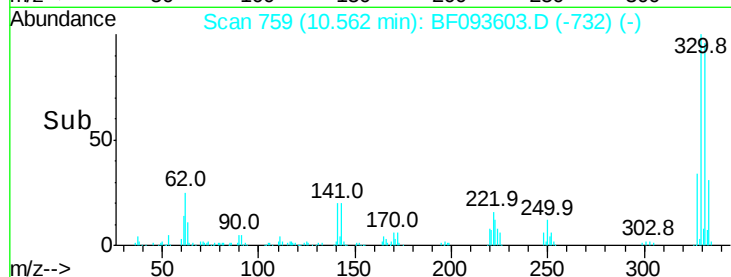
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	35.9	34.1	51.1

Manual Integrations
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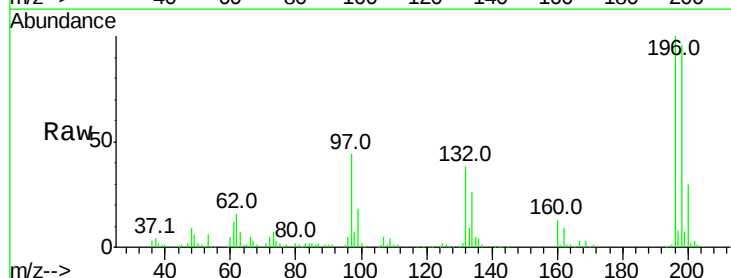


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

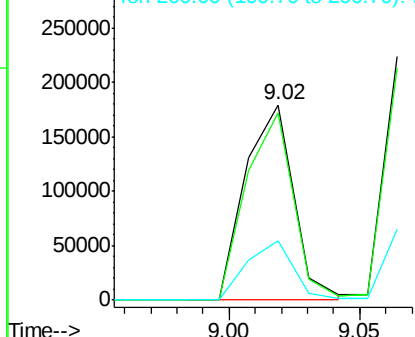
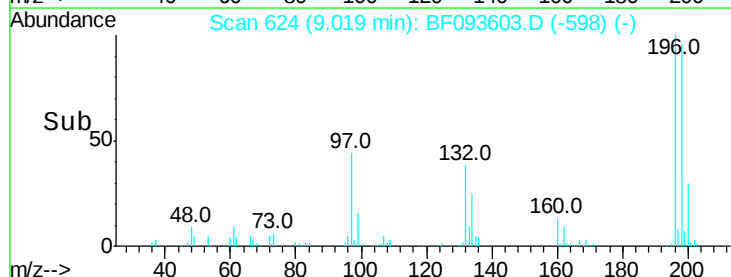


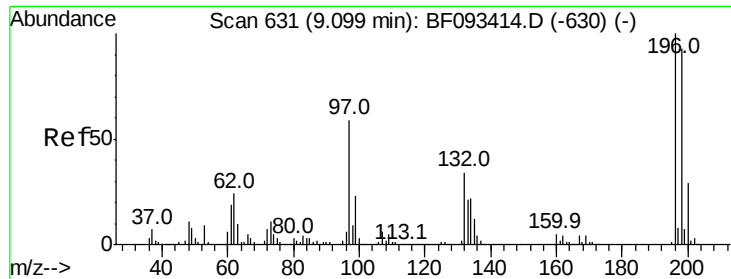
#42
 2,4,6-Trichlorophenol
 Concen: 43.50 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	82.1	123.1
200	30.4	27.0	40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





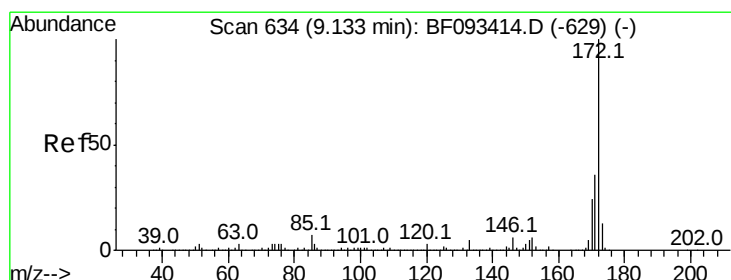
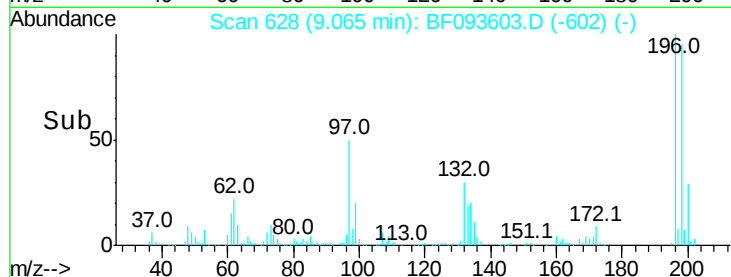
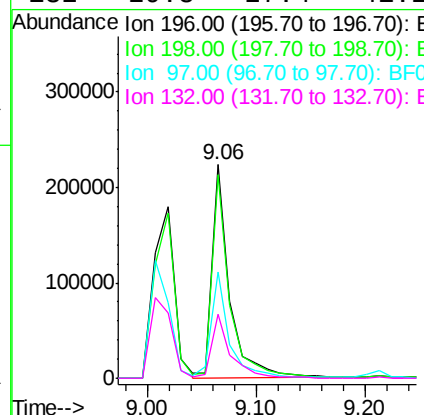
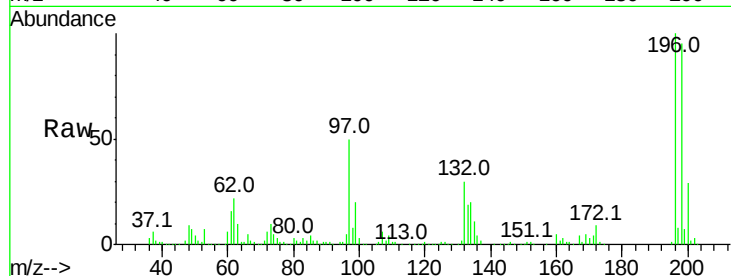
#43
2,4,5-Trichlorophenol
Concen: 44.15 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	250433		
198	95.2	79.4	119.2	
97	50.0	51.5	77.3	
132	29.8	27.4	41.2	

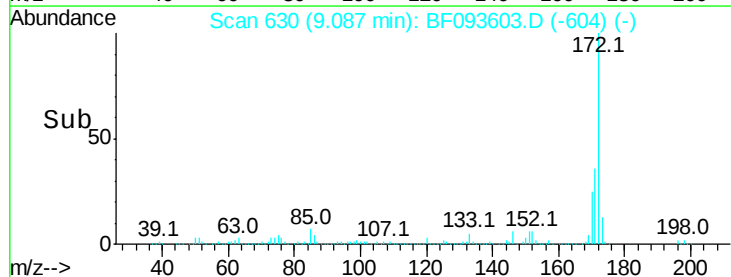
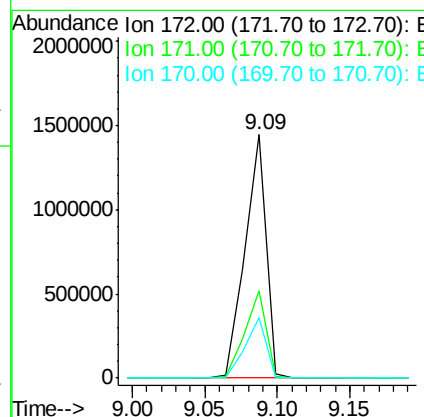
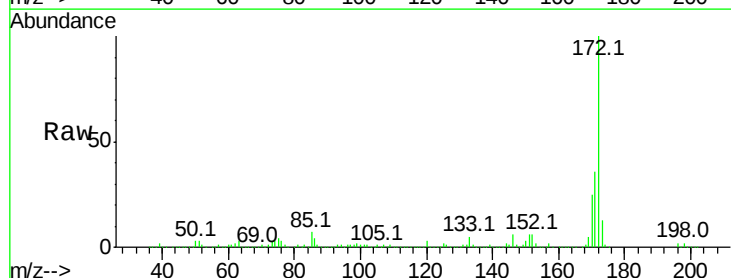
Manual Integrations
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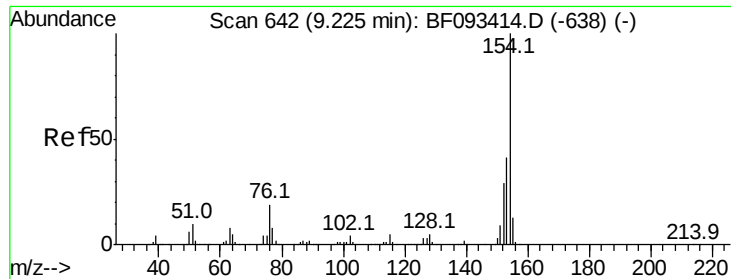
mohammad
3/15/2017 5:37:26 PM



#44
2-Fluorobiphenyl
Concen: 87.91 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1464681		
171	36.1	29.4	44.0	
170	24.7	20.2	30.4	





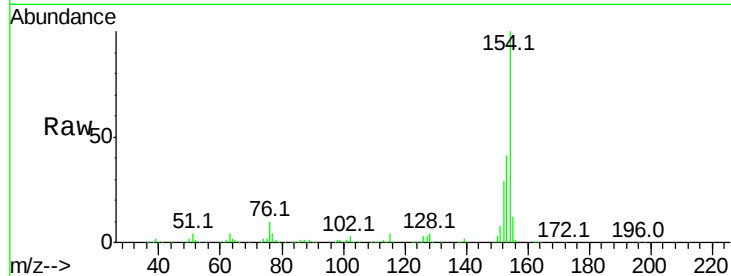
#45
1,1'-Biphenyl
Concen: 42.71 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

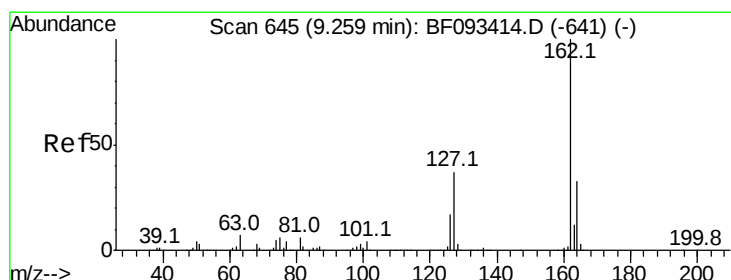
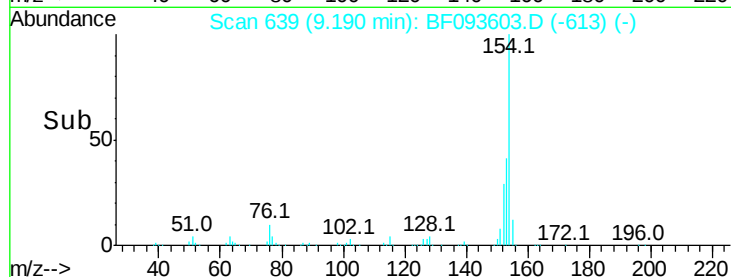
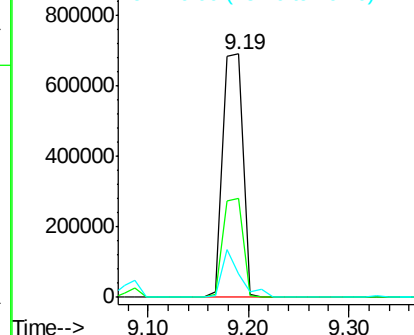
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	20.9	60.9	
76	9.9	0.0	30.5	

Manual Integrations
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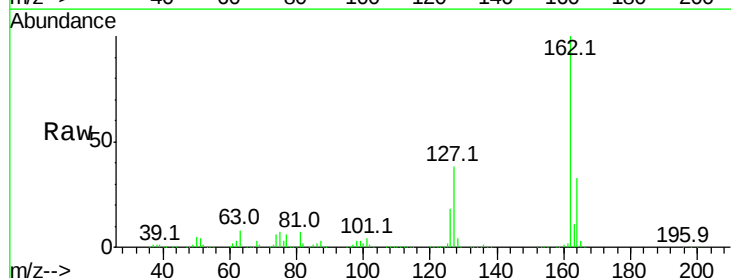


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): E

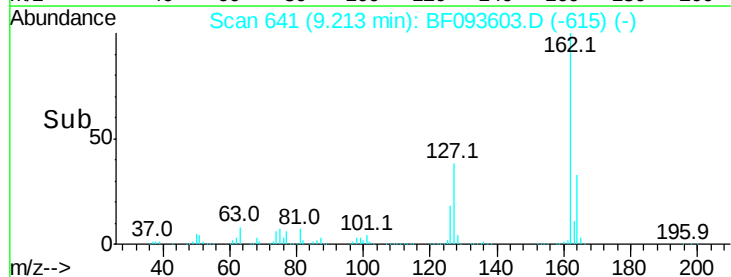
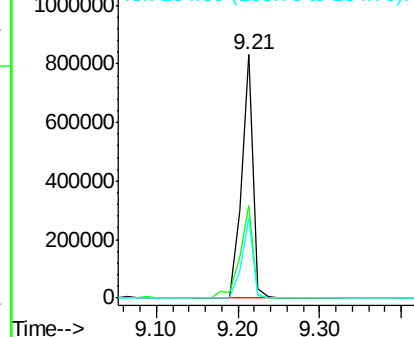


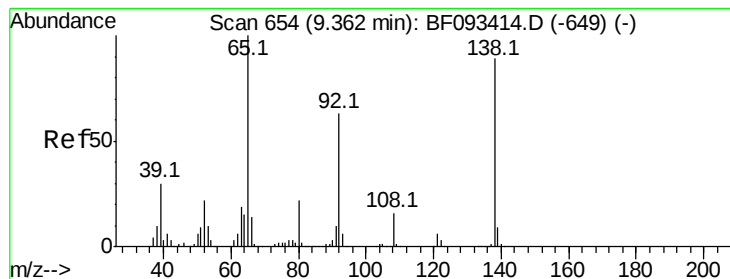
#46
2-Chloronaphthalene
Concen: 46.54 ng
RT: 9.21 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.9	30.7	46.1	
164	33.0	27.6	41.4	



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.25 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 300824

Ion Ratio Lower Upper

65 100

92 70.3 53.9 80.9

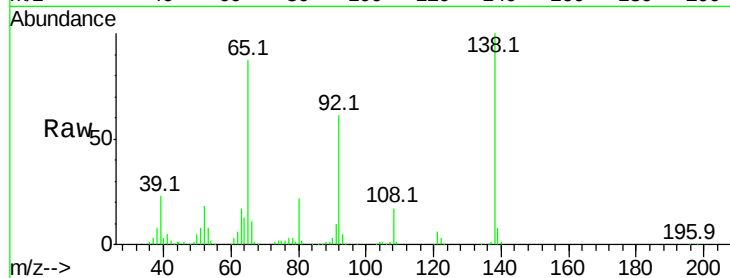
138 115.0 76.8 115.2

Manual Integrations

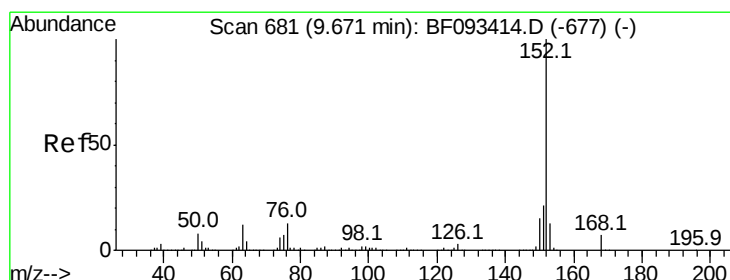
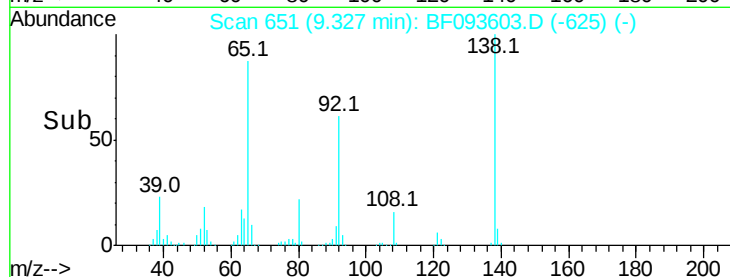
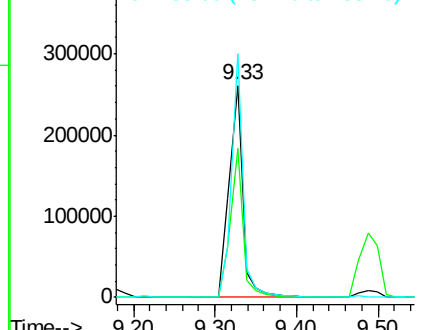
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 44.58 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

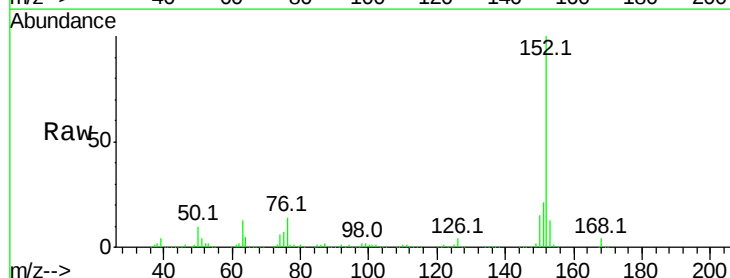
Tgt Ion: 152 Resp: 1270638

Ion Ratio Lower Upper

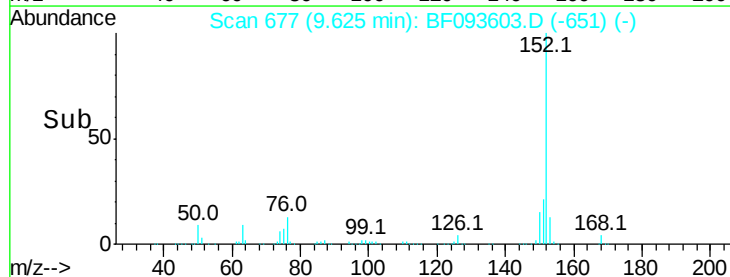
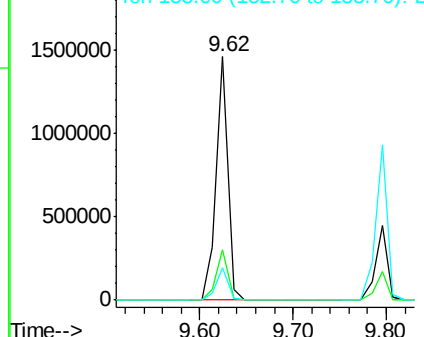
152 100

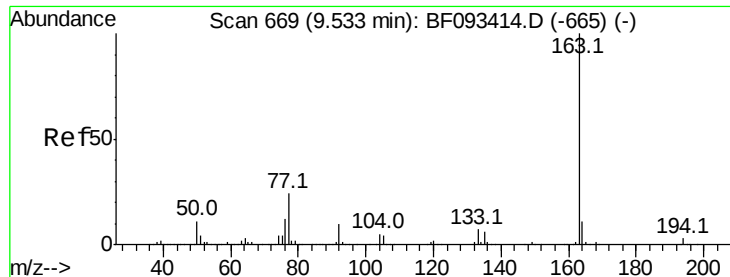
151 20.8 16.9 25.3

153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





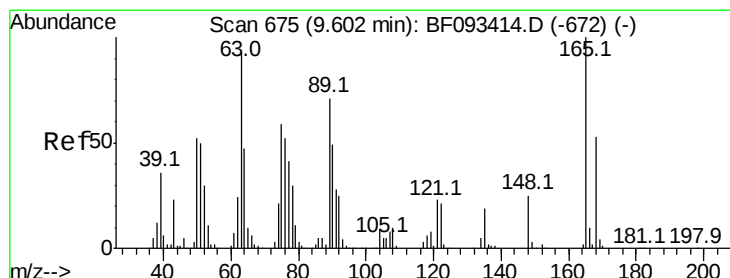
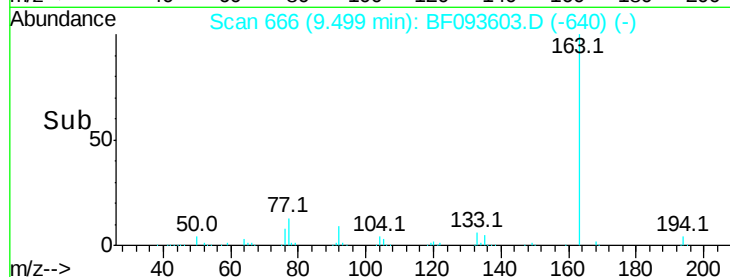
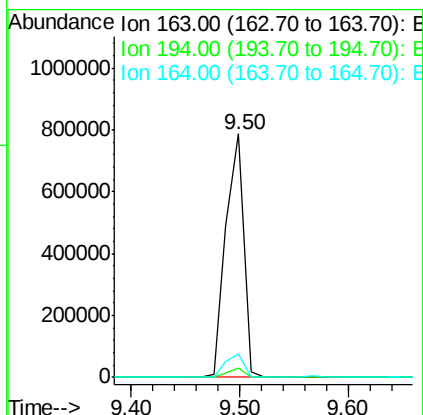
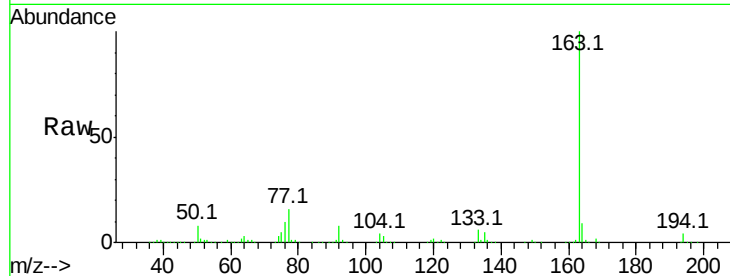
#49
Dimethylphthalate
Concen: 43.77 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	899173		
194	3.9		3.0	4.4
164	9.5		8.0	12.0

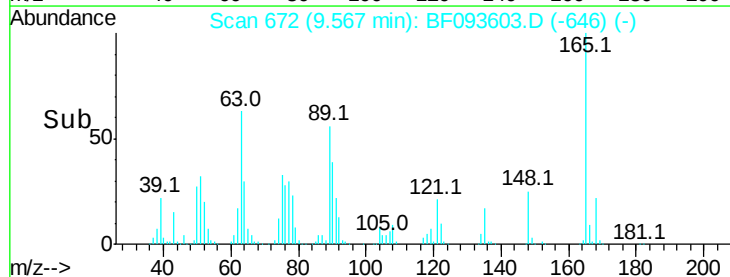
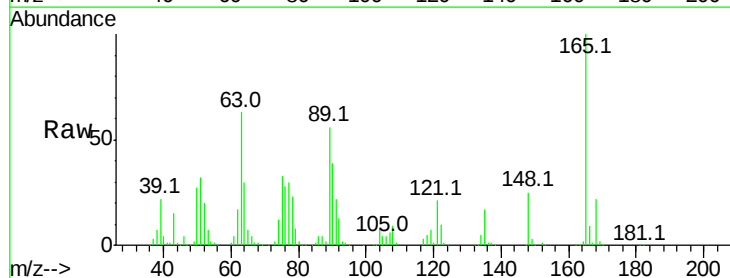
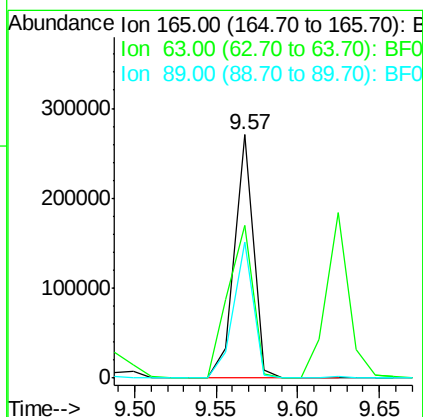
Manual Integrations
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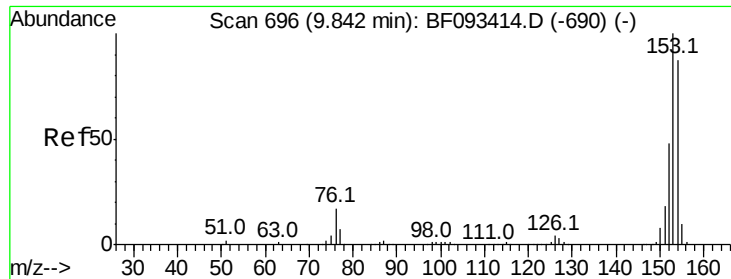
mohammad
3/15/2017 5:37:26 PM



#50
2,6-Dinitrotoluene
Concen: 47.86 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	215779		
63	62.6		36.2	54.4#
89	56.0		40.2	60.4





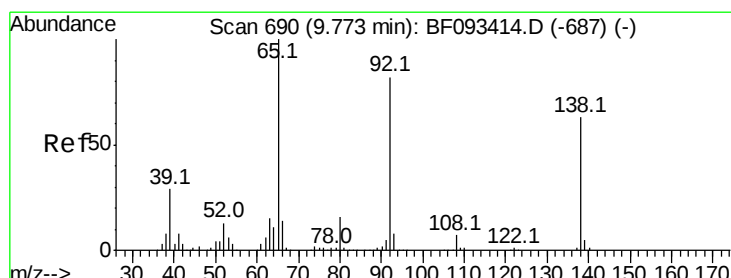
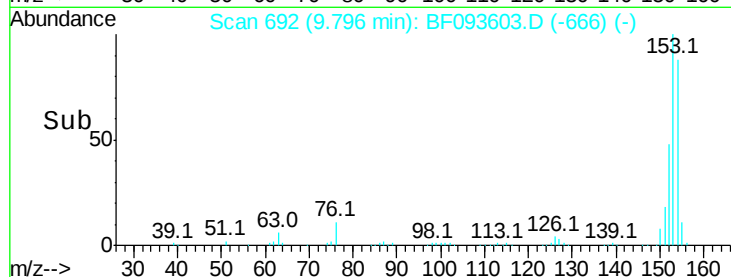
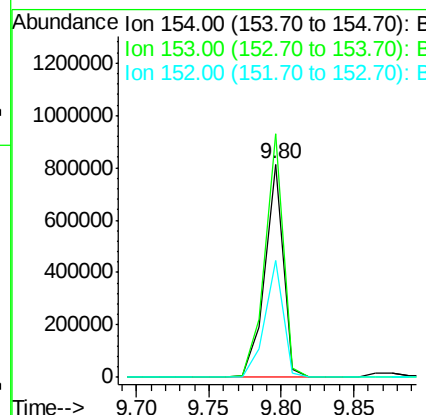
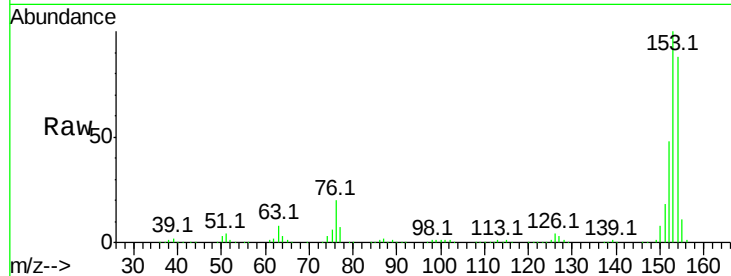
#51
Acenaphthene
Concen: 42.60 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.6	133.0
152	54.5	41.6	62.4

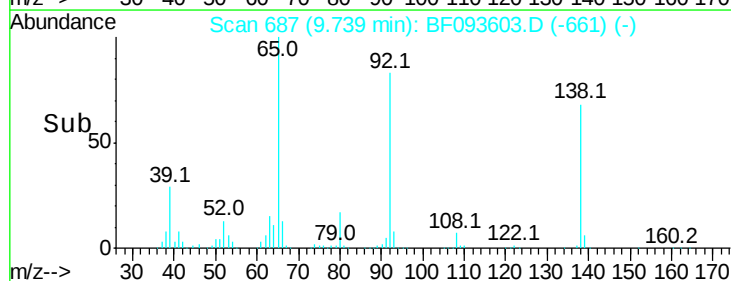
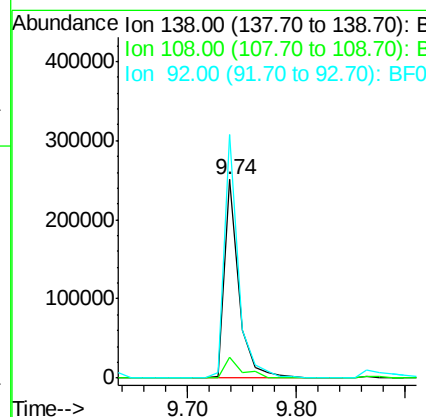
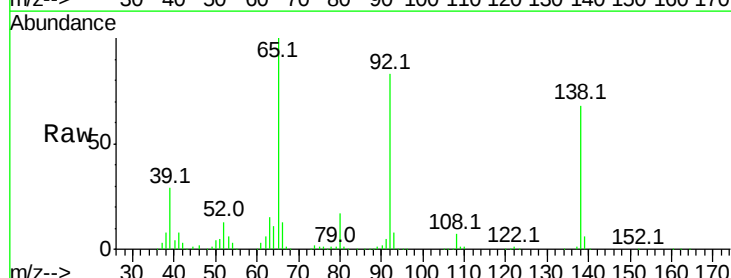
Manual Integrations
APPROVED

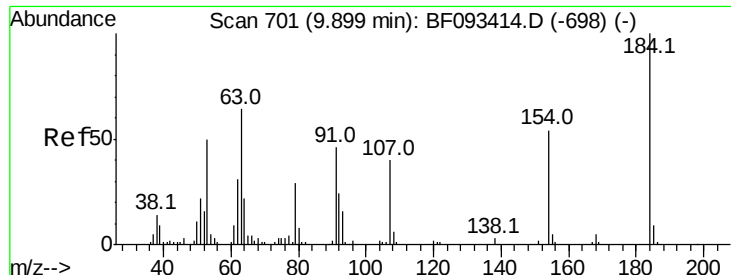
mohammad
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#52
3-Nitroaniline
Concen: 43.44 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	122.6	97.8	146.8





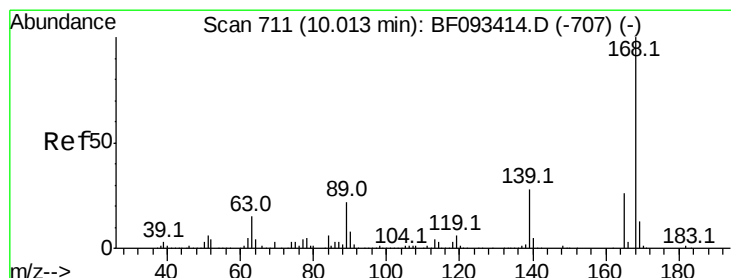
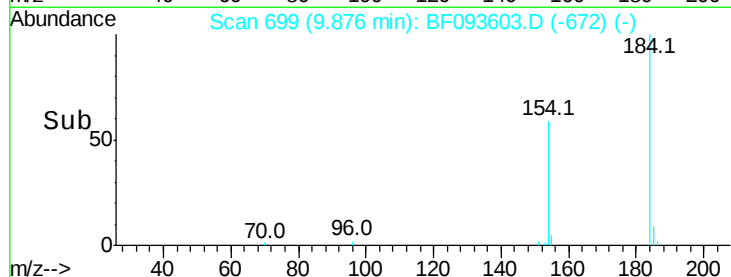
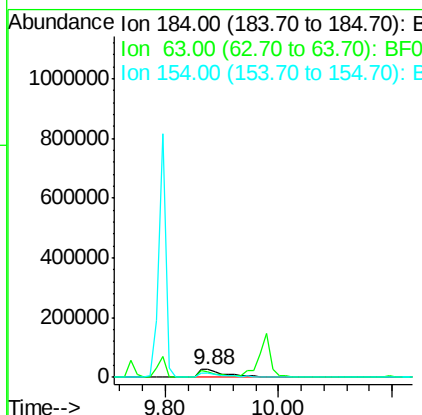
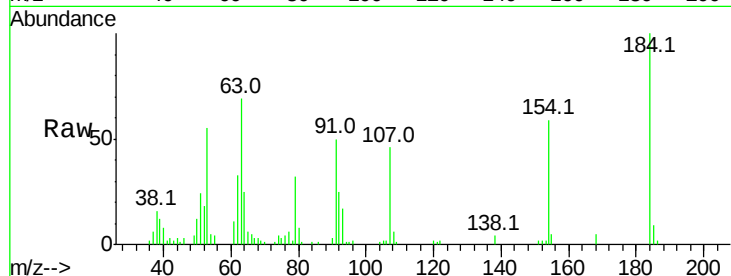
#53
2,4-Dinitrophenol
Concen: 47.77 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.0	28.4	42.6	
154	58.6	44.3	66.5	

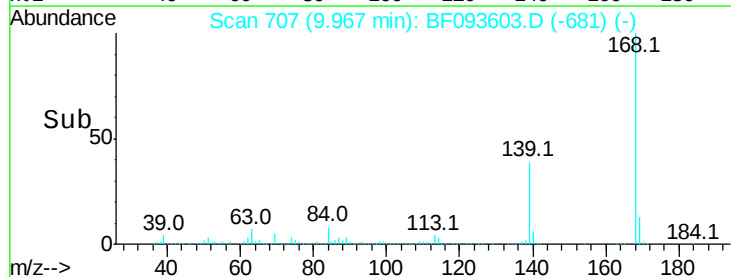
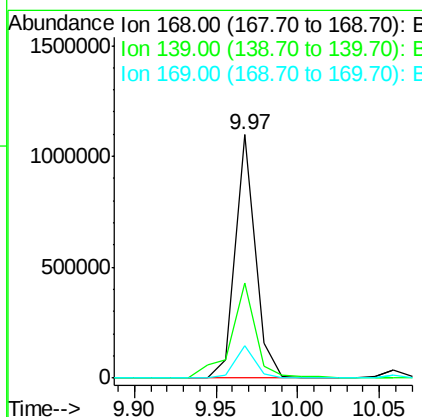
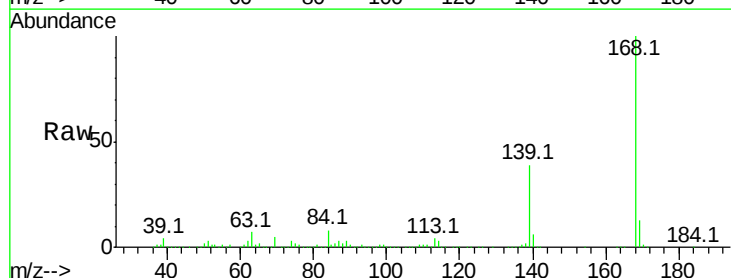
Manual Integrations
APPROVED

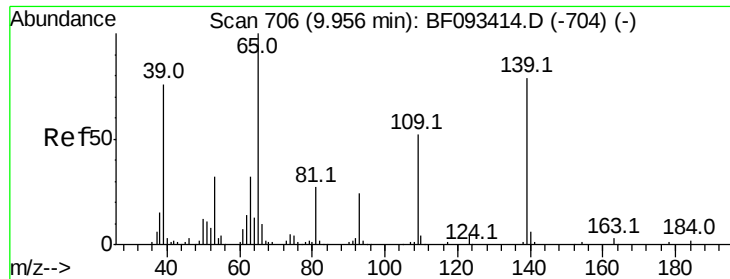
mohammad
3/15/2017 5:37:26 PM



#54
Dibenzofuran
Concen: 43.73 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	32.6	49.0	
169	13.4	11.3	16.9	





#55

4-Nitrophenol

Concen: 37.00 ng/mL

RT: 9.96 min Scan# 706

Delta R.T. 0.02 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion:139 Resp: 97326

Ion Ratio Lower Upper

139 100

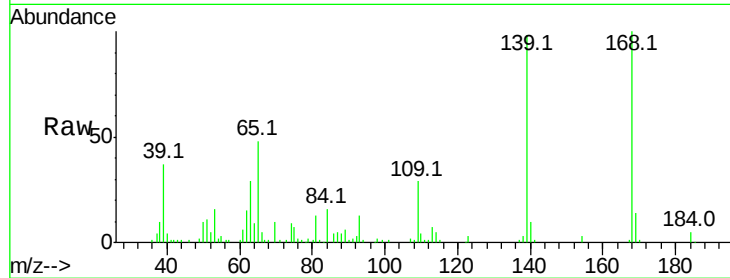
109 30.1 52.2 92.2#

65 48.8 85.8 125.8#

Manual Integrations
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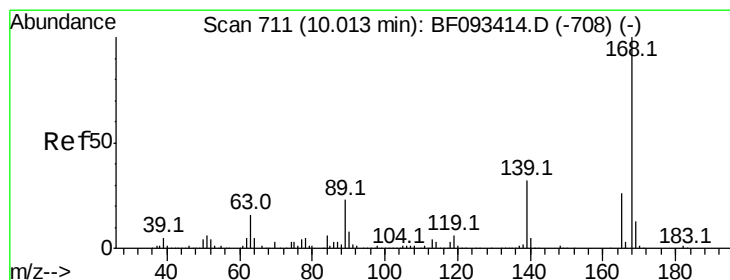
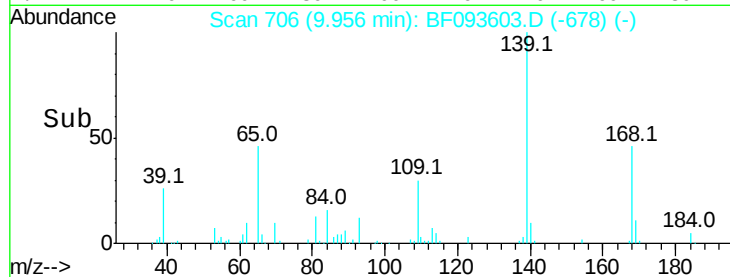
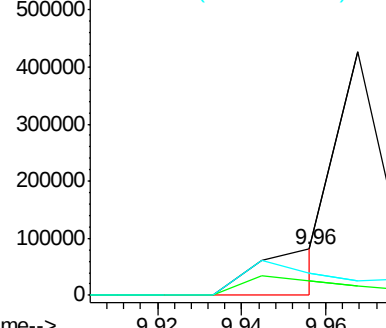
3/15/2017 5:37:26 PM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.24 ng/mL

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion:165 Resp: 261620

Ion Ratio Lower Upper

165 100

63 51.3 40.2 60.4

89 74.7 62.5 93.7

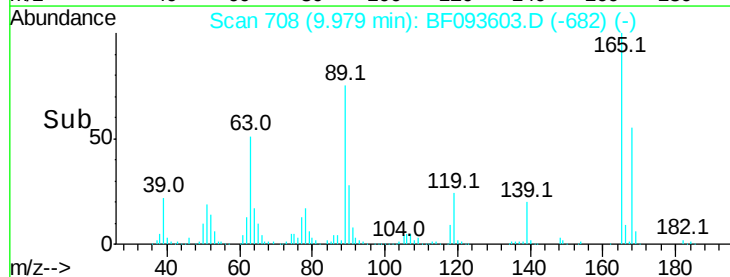
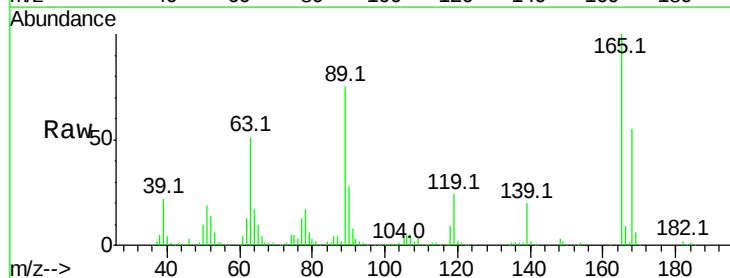
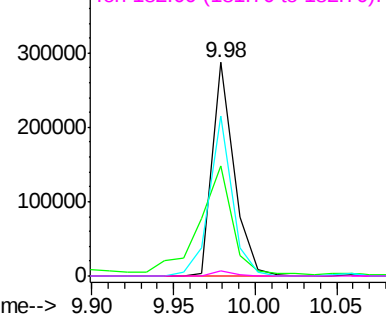
182 2.2 1.8 2.8

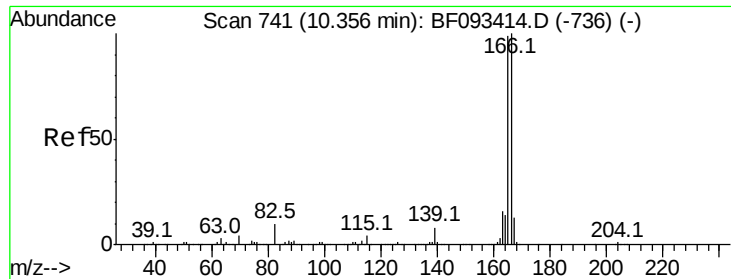
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





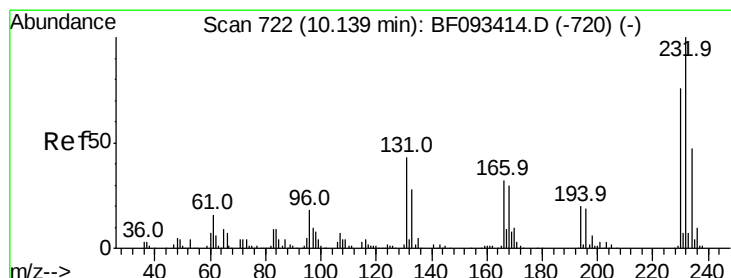
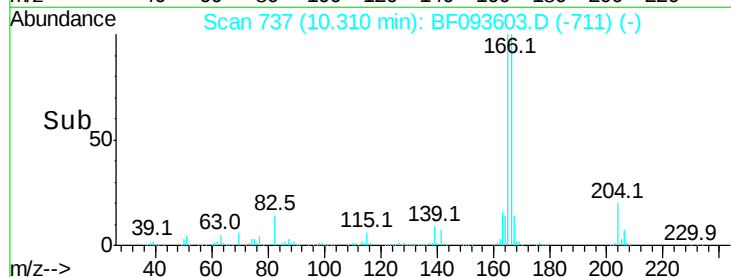
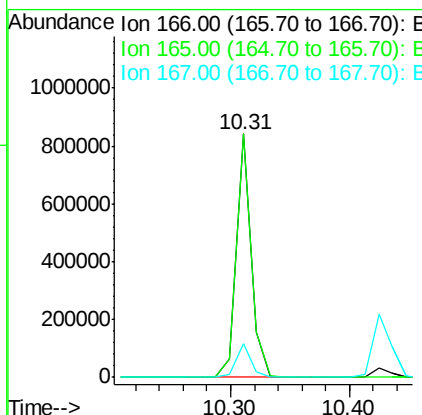
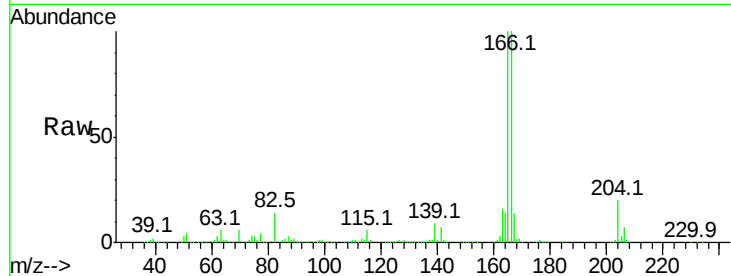
#57
Fluorene
 Concen: 41.03 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.8	116.8
167	13.6	10.8	16.2

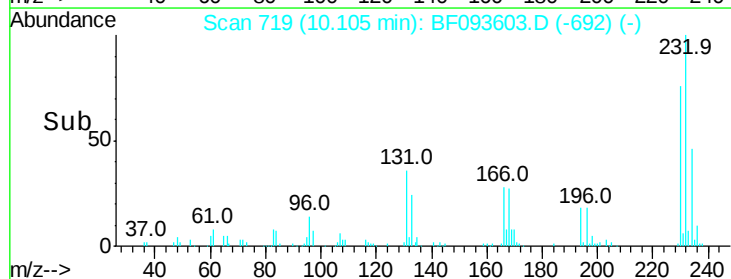
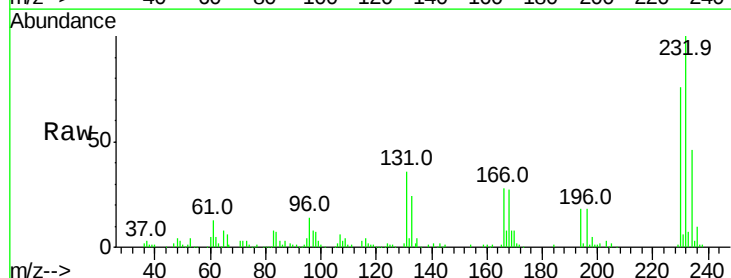
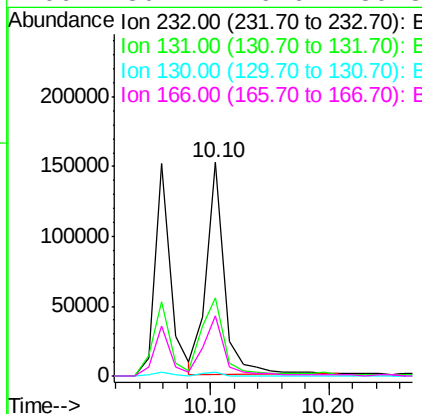
Manual Integrations
 APPROVED

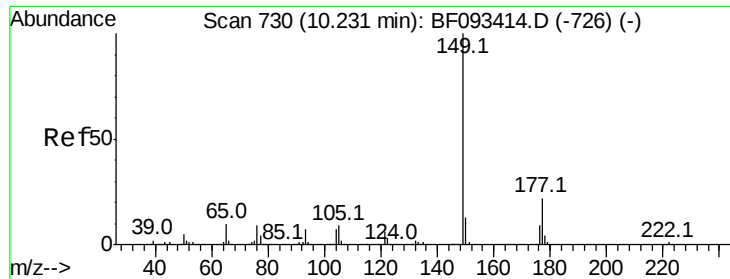
mohammad
 3/15/2017 5:37:26 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.68 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.8	40.1	60.1
130	2.2	1.8	2.8
166	30.7	26.6	39.8





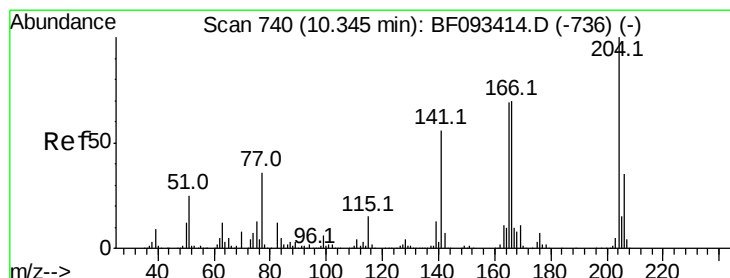
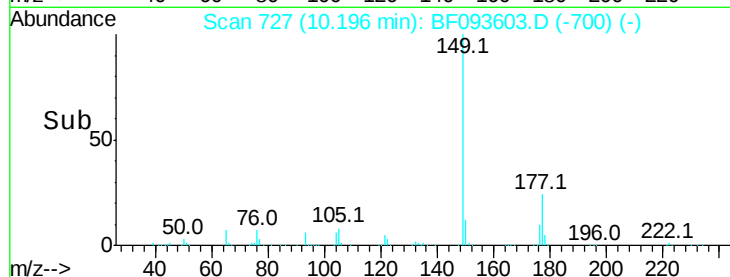
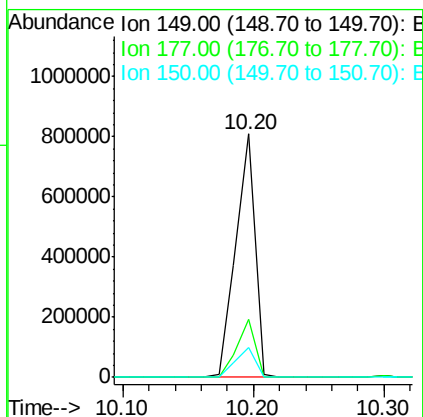
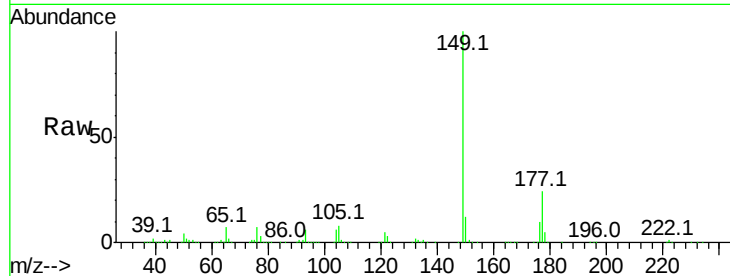
#59
Diethylphthalate
Concen: 42.09 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	16.6	25.0
150	12.2	10.4	15.6

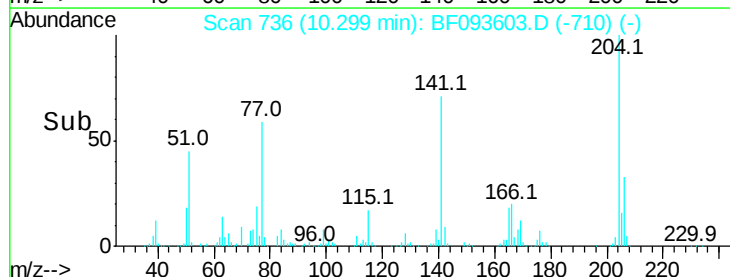
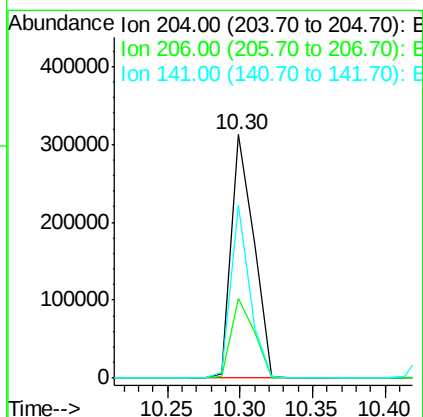
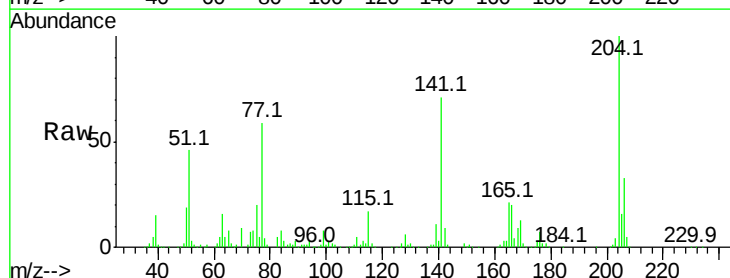
Manual Integrations
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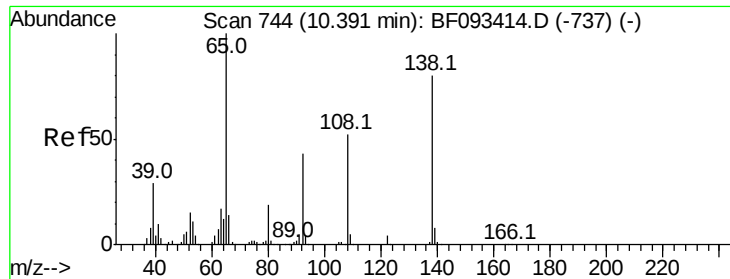
mohammad
3/15/2017 5:37:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.18 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	70.9	59.4	89.0





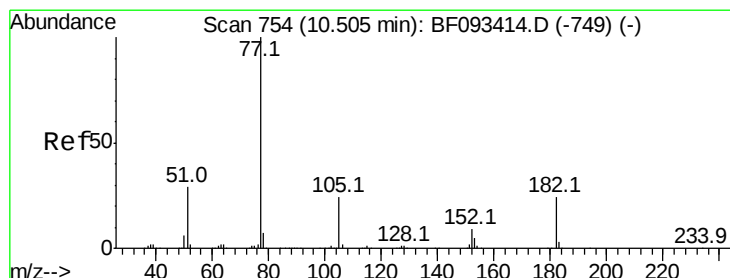
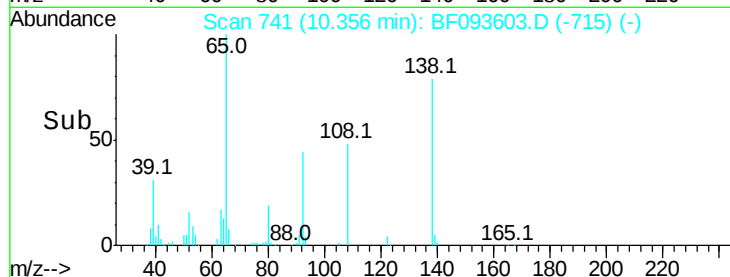
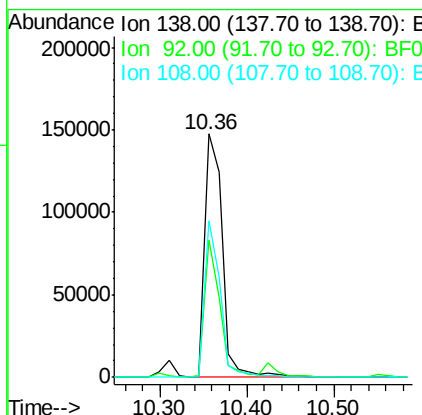
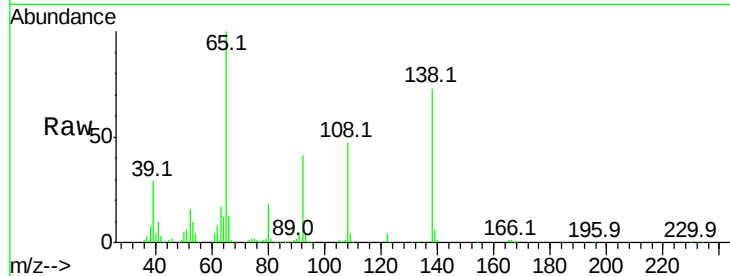
#61
4-Nitroaniline
Concen: 37.79 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.3	31.7	71.7
108	64.3	52.6	92.6

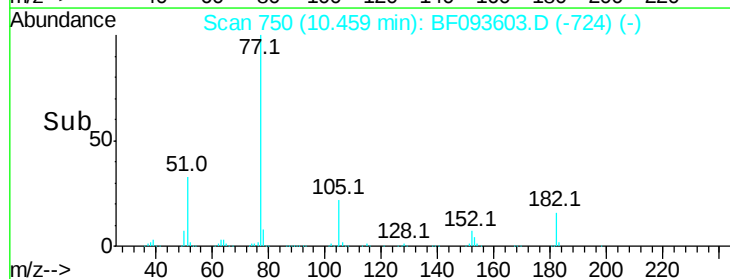
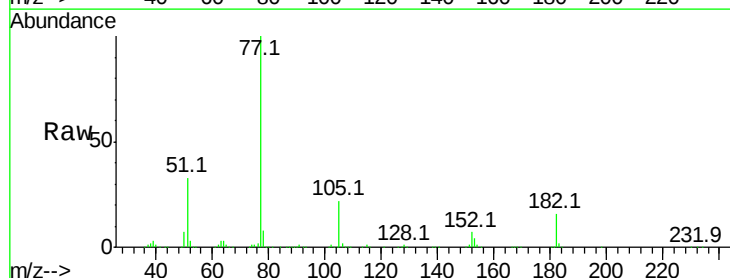
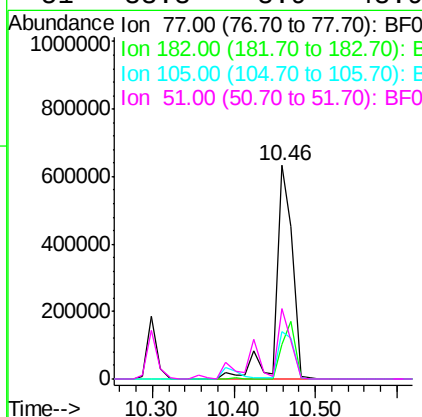
Manual Integrations
APPROVED

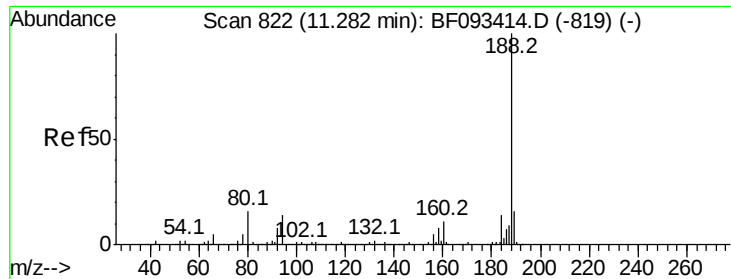
mohammad
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#62
Azobenzene
Concen: 38.39 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.9	0.0	39.3
105	22.2	2.3	42.3
51	33.3	8.9	48.9





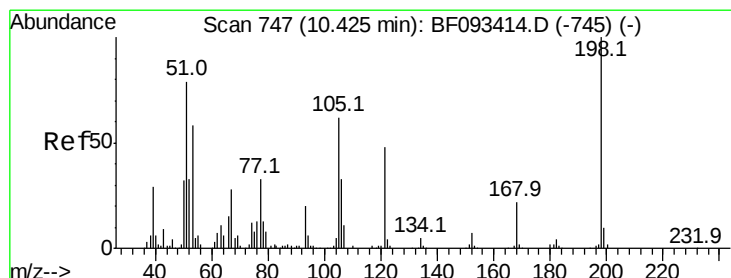
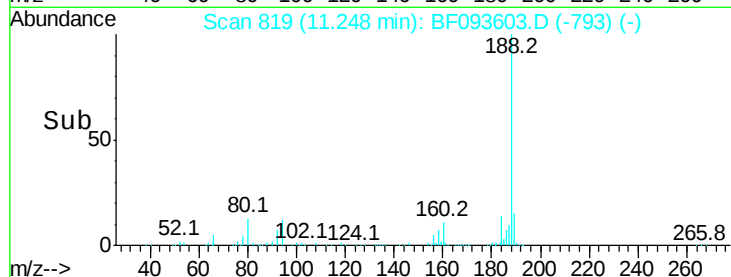
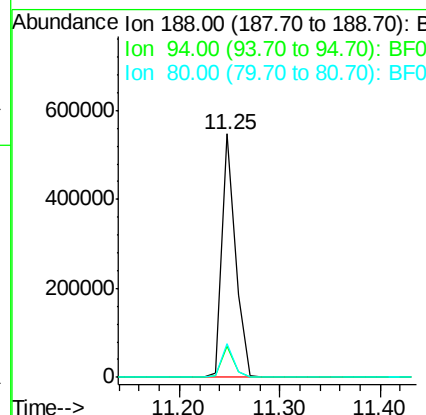
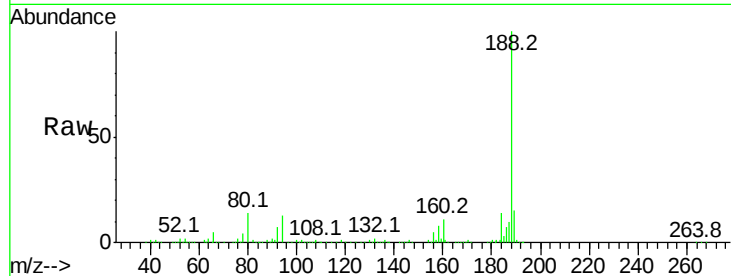
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	514654		
94	12.8	10.0	15.0	
80	13.7	11.2	16.8	

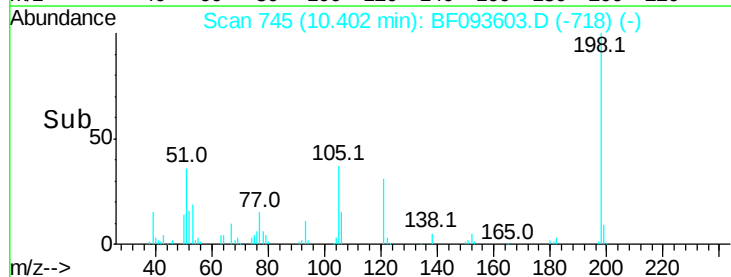
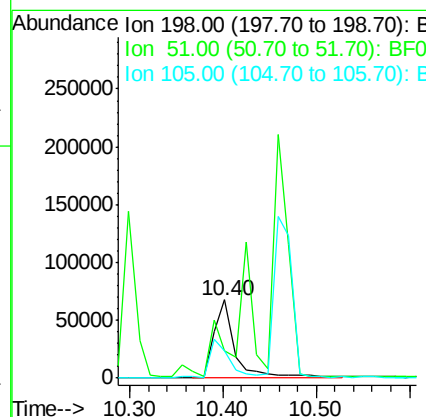
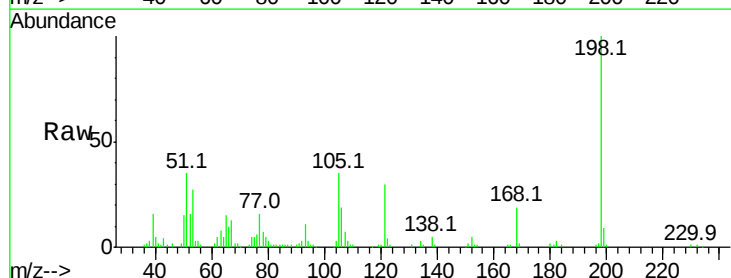
Manual Integrations
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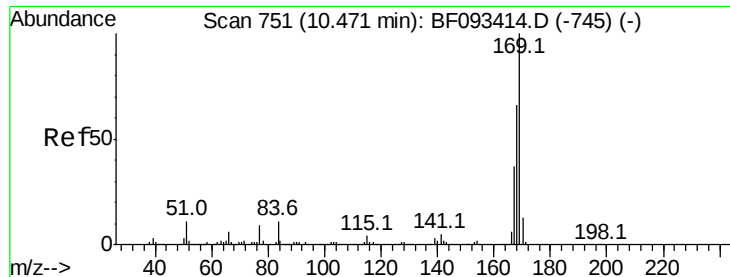
mohammad
3/15/2017 5:37:26 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 32.12 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	107096		
51	35.5	6.7	46.7	
105	34.8	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 36.57 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

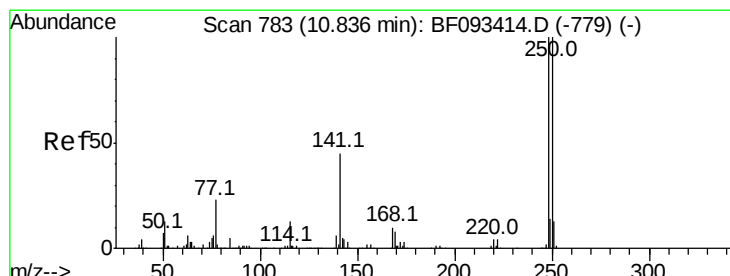
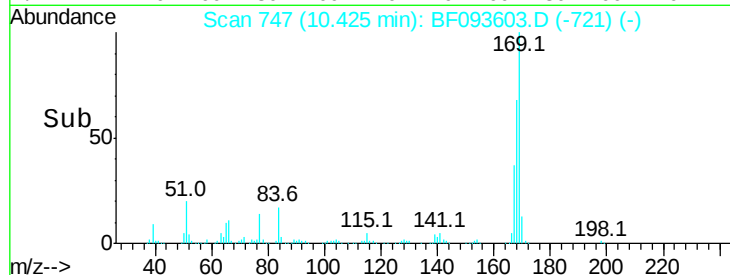
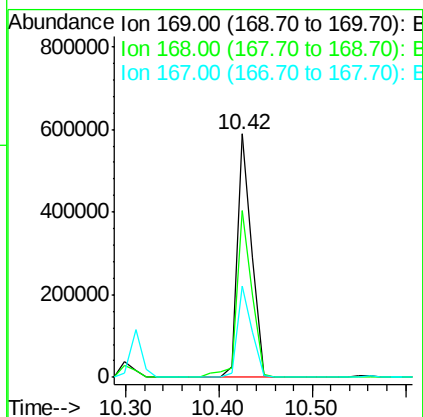
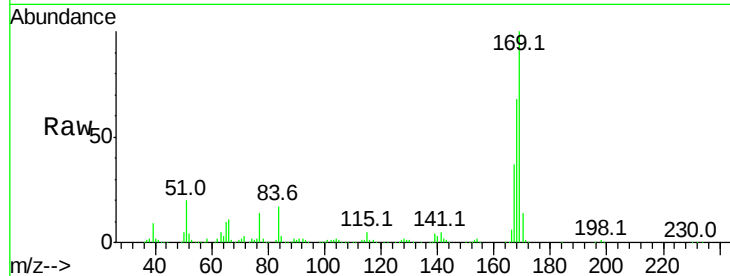
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	628390
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.2	81.2
167	37.3	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 37.35 ng

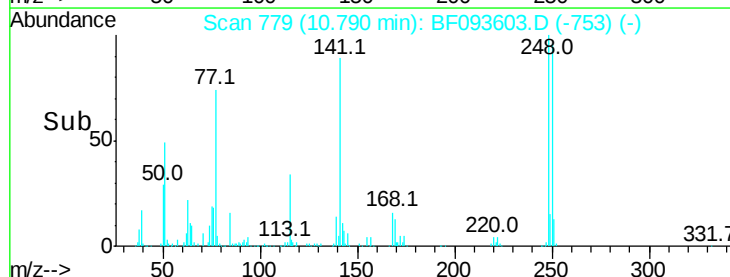
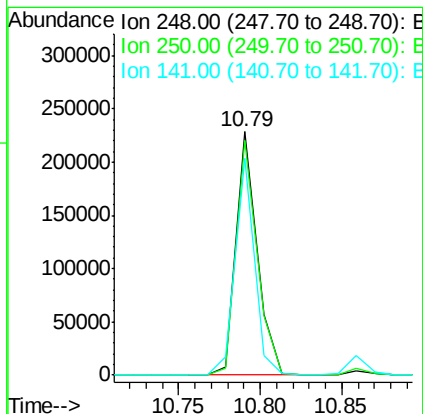
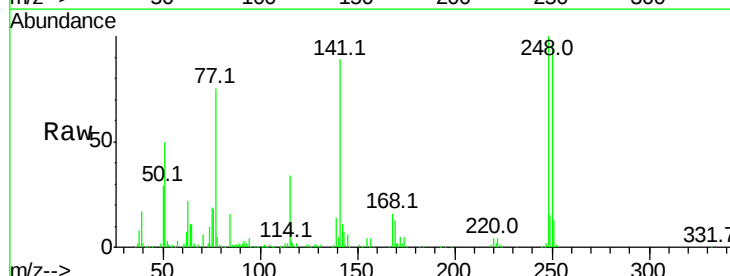
RT: 10.79 min Scan# 779

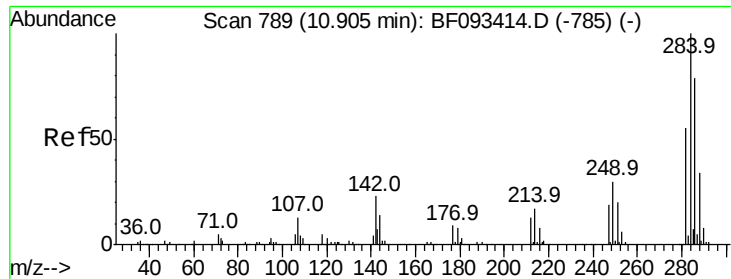
Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion:	248	Resp:	203259
Ion Ratio	Lower	Upper	
248	100		
250	96.3	76.9	115.3
141	88.8	68.2	102.4





#67

Hexachlorobenzene

Concen: 39.12 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

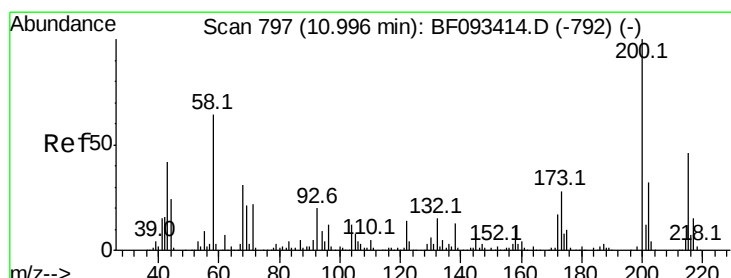
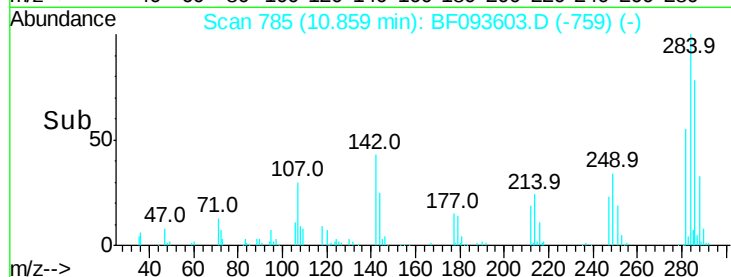
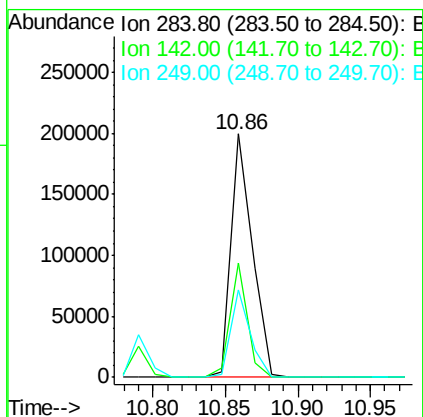
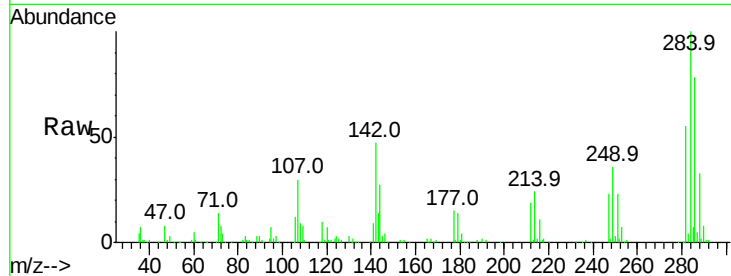
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	203275		
142	47.2	22.6	33.8#	
249	35.7	25.4	38.0	

Manual Integrations
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#68

Atrazine

Concen: 40.14 ng

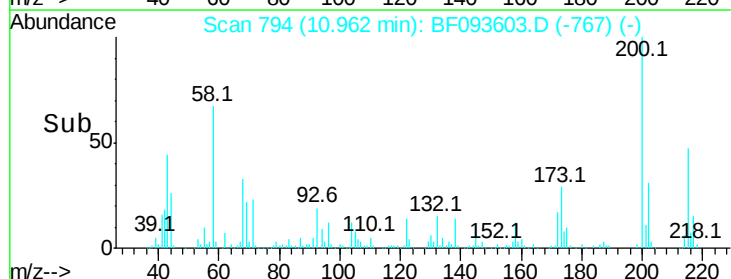
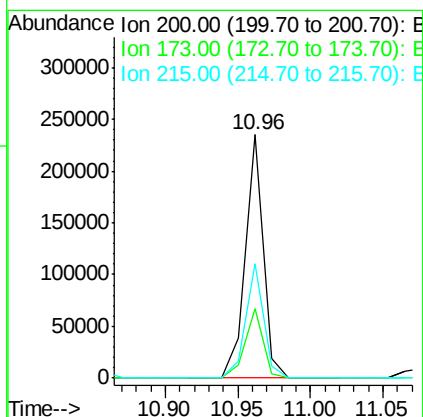
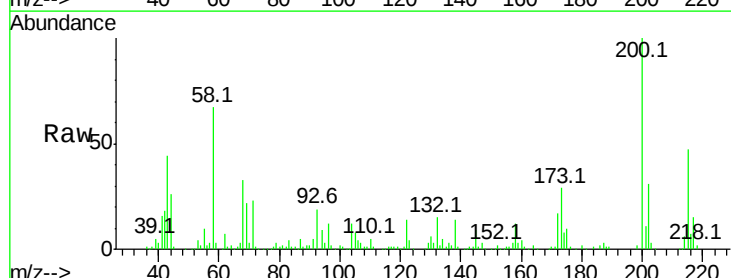
RT: 10.96 min Scan# 794

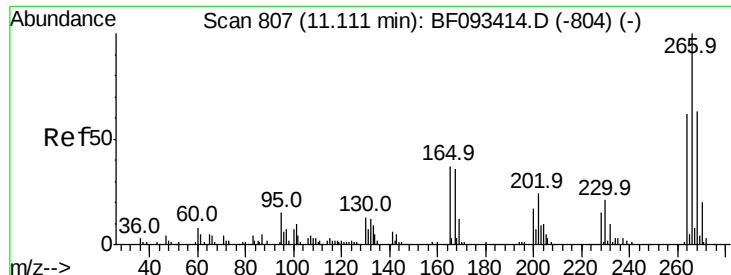
Delta R.T. 0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	201890		
173	28.6	9.6	49.6	
215	46.9	25.7	65.7	





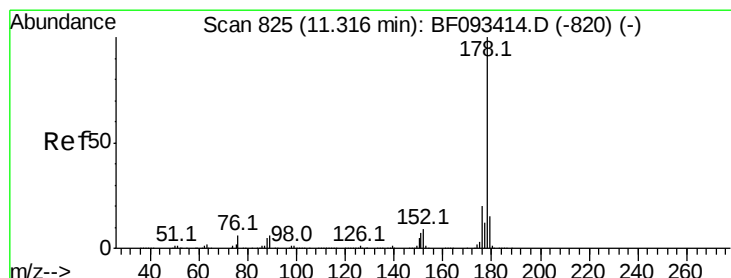
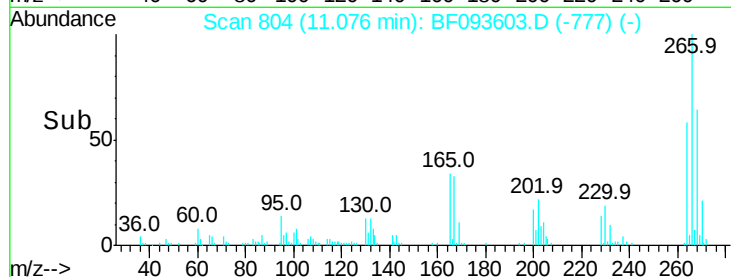
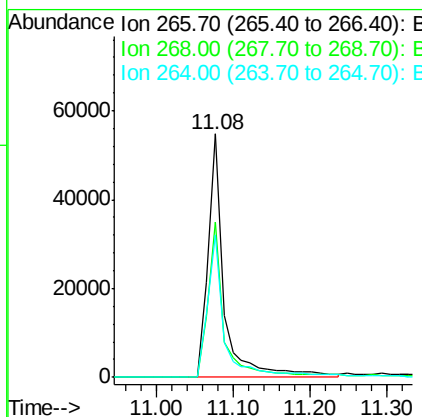
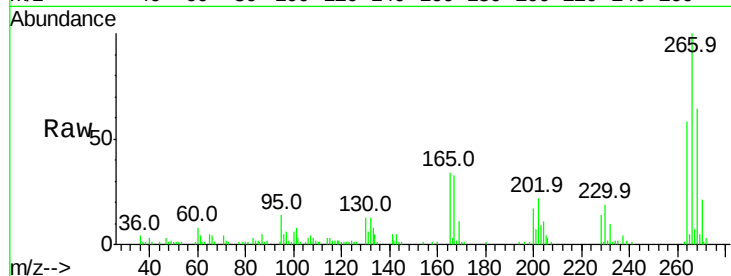
#69
 Pentachlorophenol
 Concen: 44.39 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	53.3	79.9
264	58.3	50.3	75.5

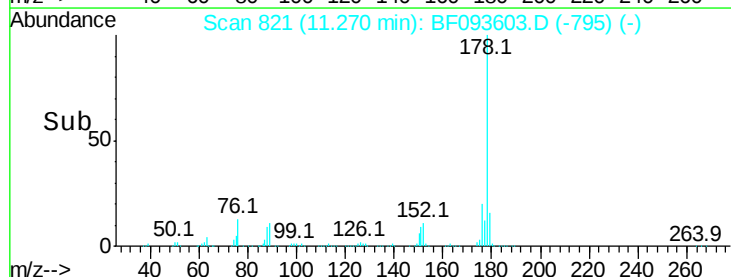
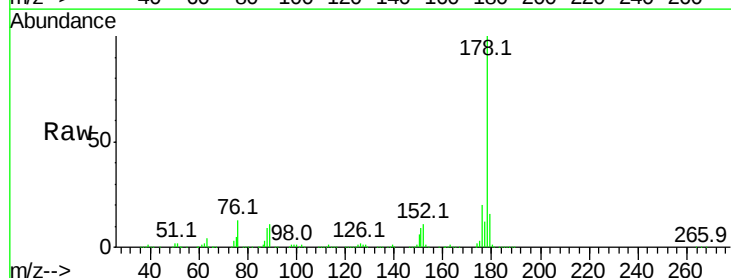
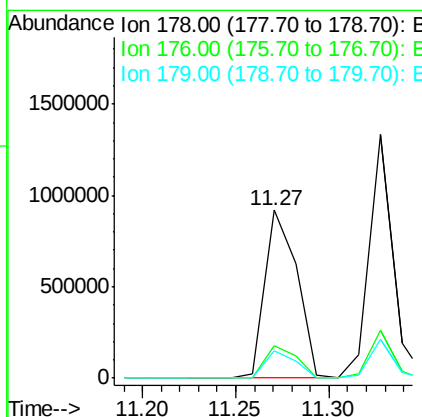
Manual Integrations
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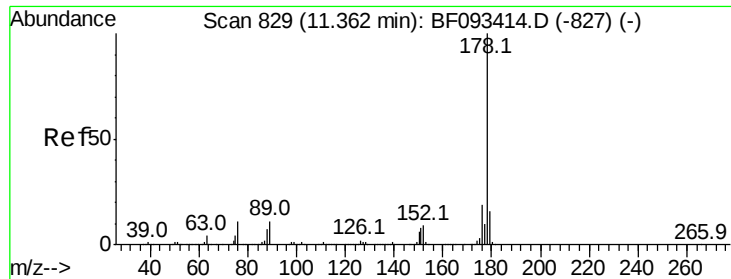
mohammad
 3/15/2017 5:37:26 PM



#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	16.0	12.8	19.2





#71

Anthracene

Concen: 39.01 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1159240

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

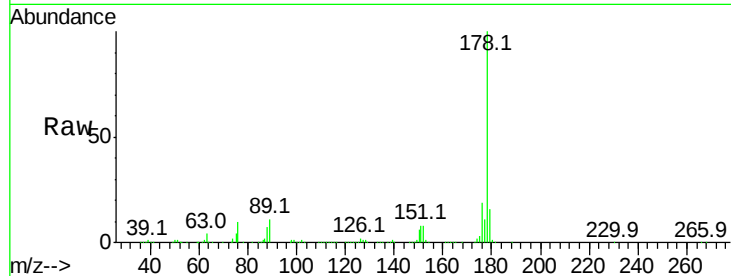
179 15.8 13.2 19.8

Manual Integrations

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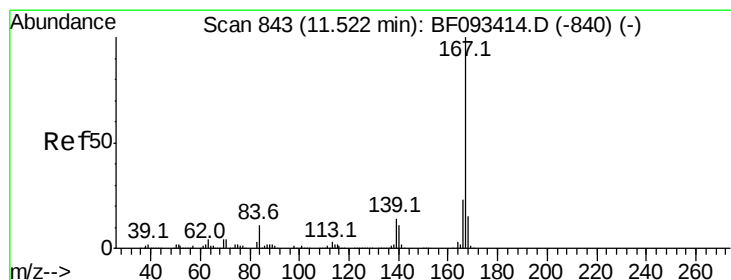
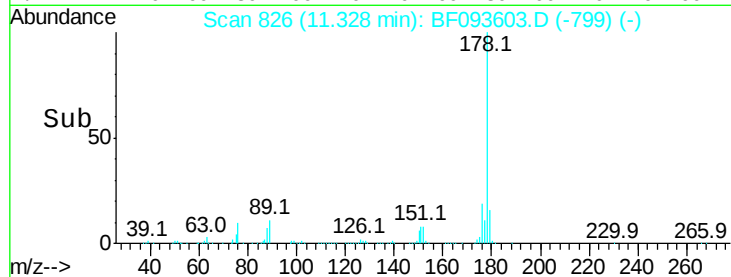
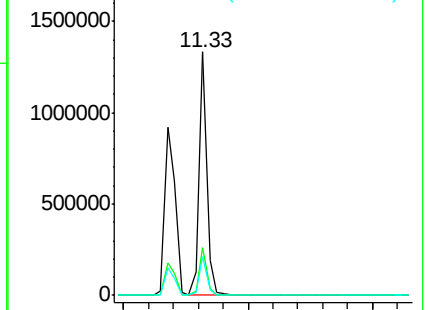
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.38 ng

RT: 11.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

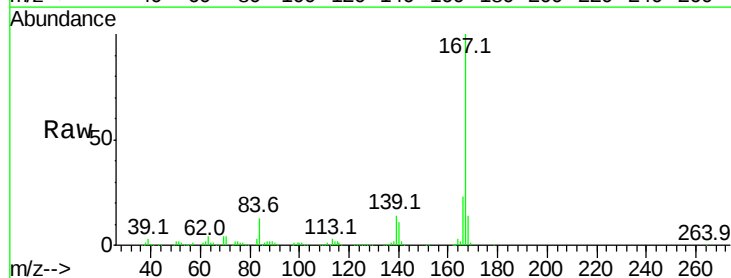
Tgt Ion:167 Resp: 1155036

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

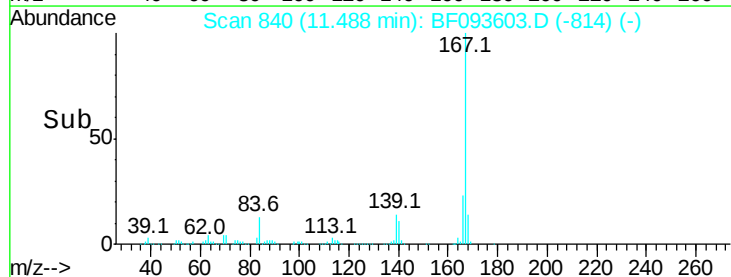
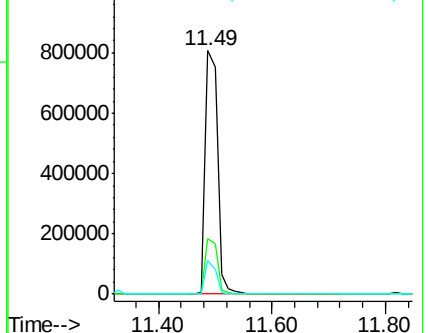
139 14.1 11.4 17.2

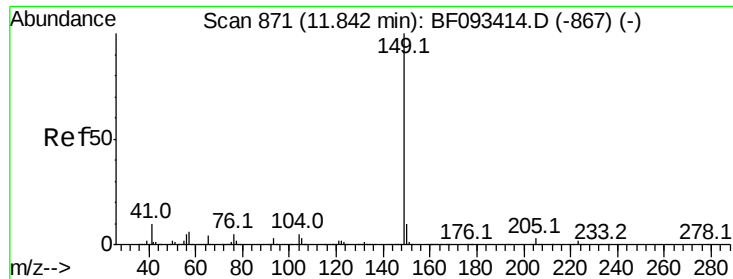


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





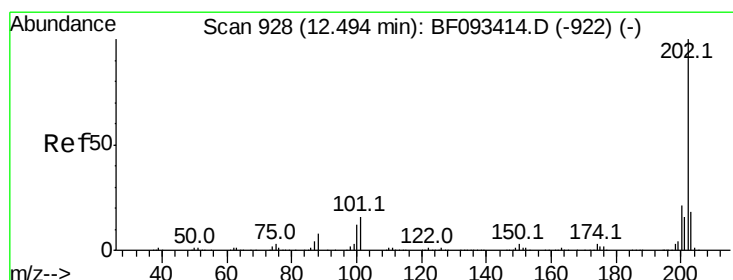
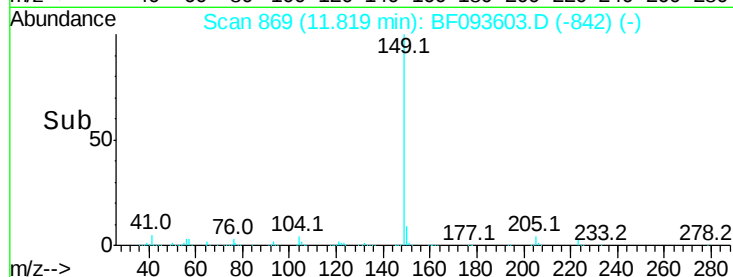
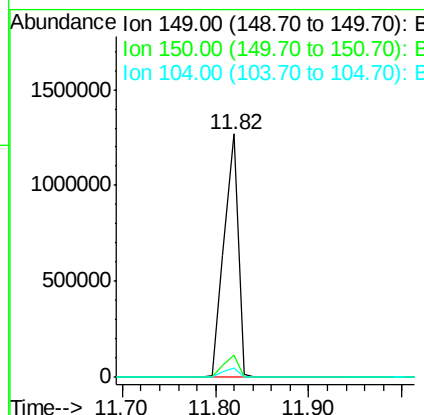
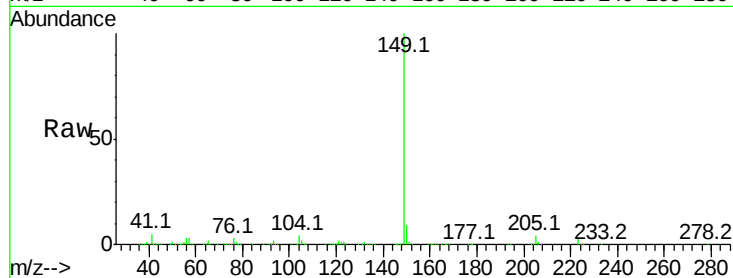
#73
Di-n-butylphthalate
Concen: 40.97 ng
RT: 11.82 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1323193
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 3.7 4.6 7.0#

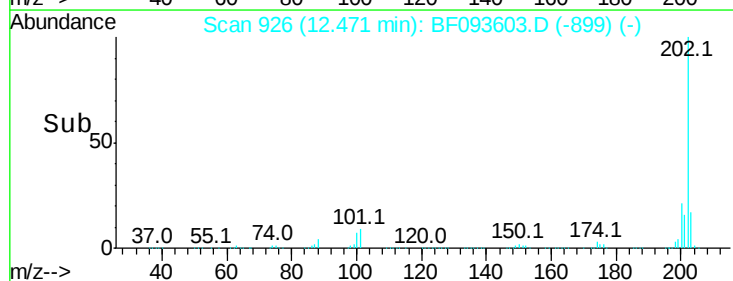
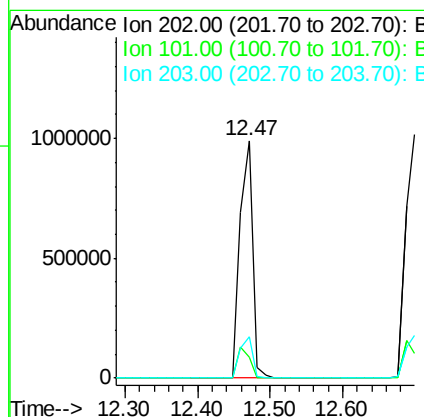
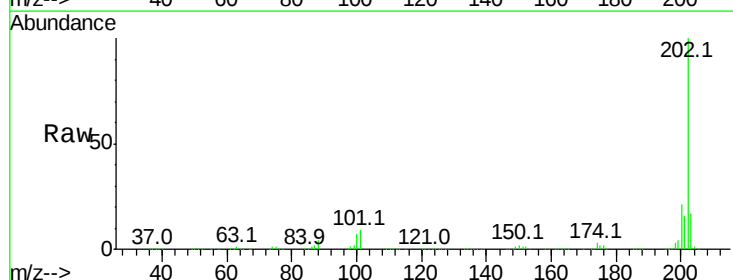
Manual Integrations
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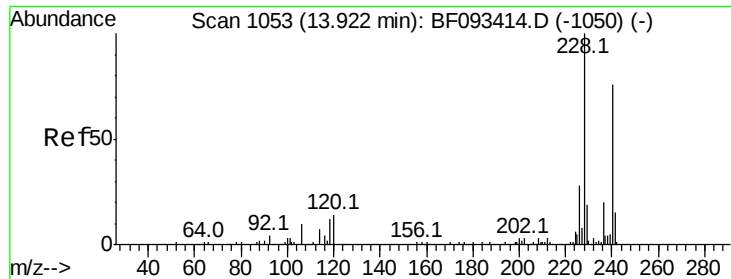
mohammad
3/15/2017 5:37:26 PM



#74
Fluoranthene
Concen: 42.43 ng
RT: 12.47 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:202 Resp: 1203848
Ion Ratio Lower Upper
202 100
101 8.9 0.0 34.6
203 17.5 0.0 38.7





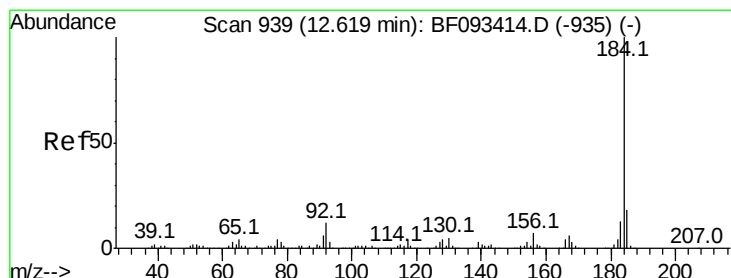
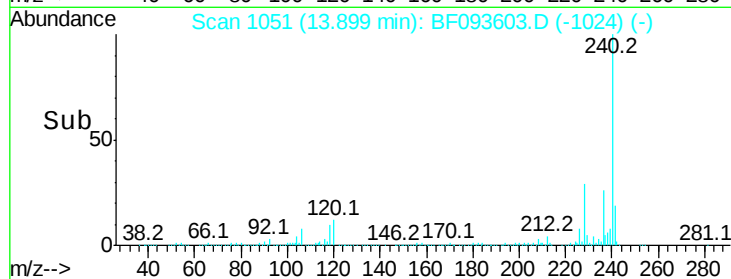
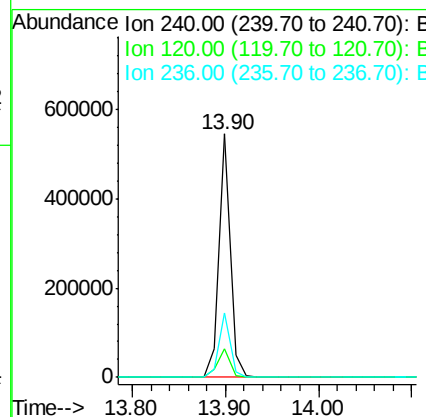
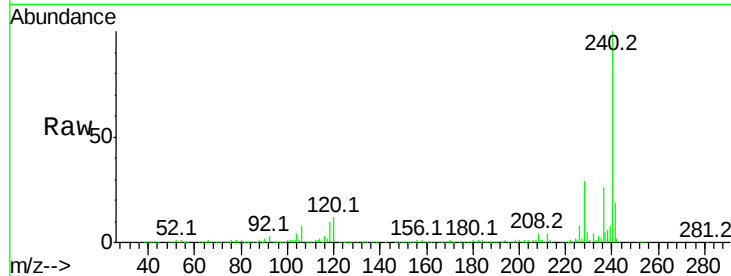
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.9	19.3#
236	26.2	20.9	31.3

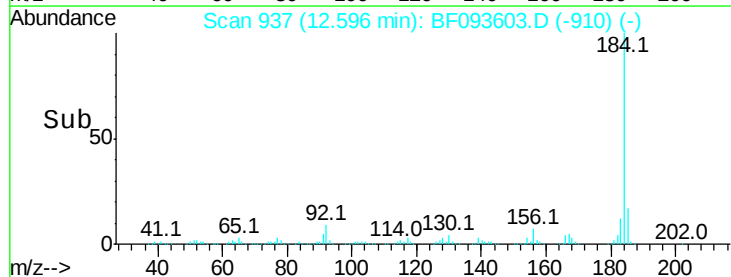
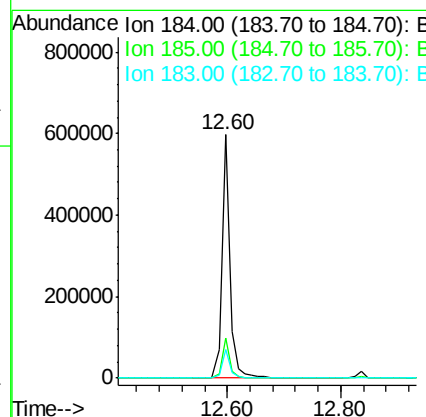
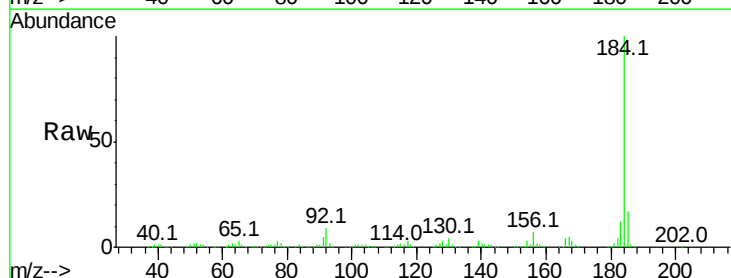
Manual Integrations
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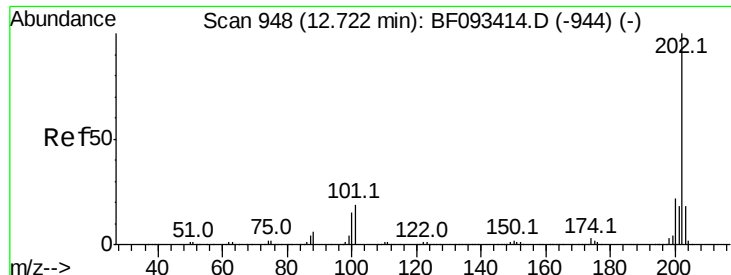
mohammad
3/15/2017 5:37:26 PM



#76
Benzidine
Concen: 38.41 ng
RT: 12.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.4	20.0
183	11.9	9.2	13.8





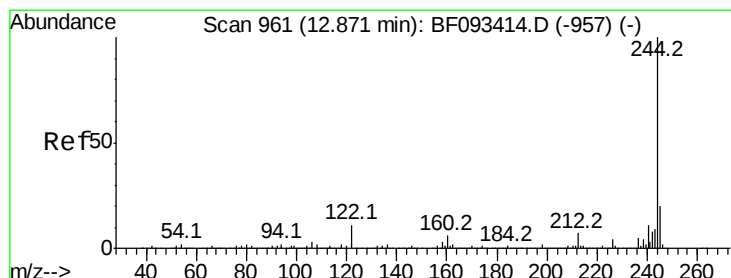
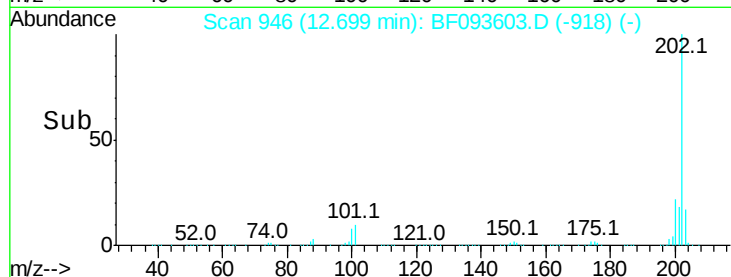
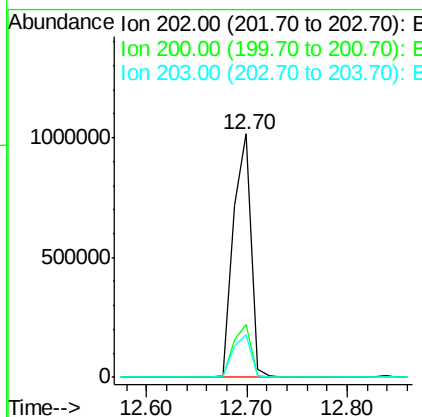
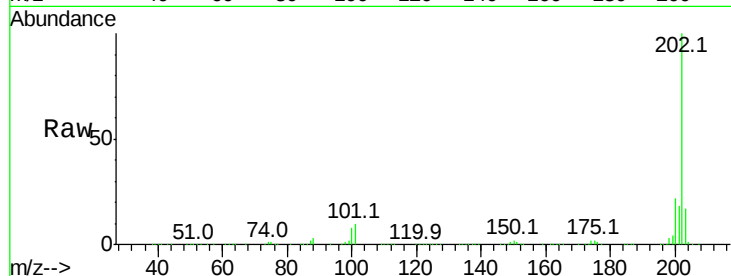
#77
Pvrene
Concen: 36.72 ng
RT: 12.70 min Scan# 946
Delta R.T. 0.02 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.3	14.7	22.1

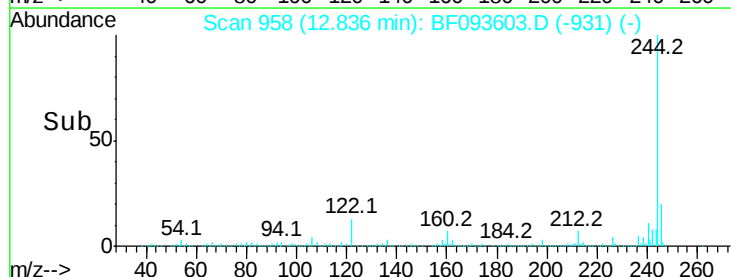
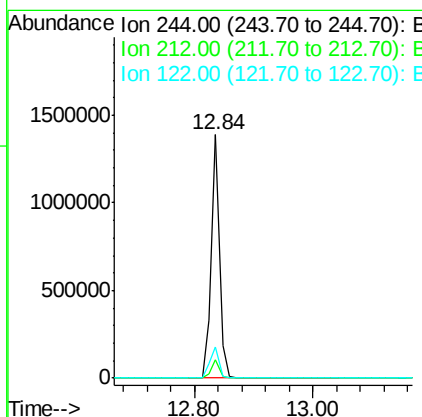
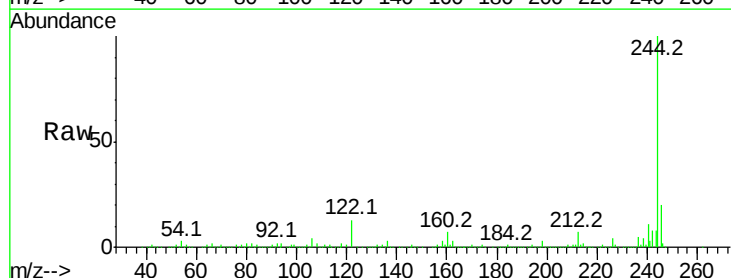
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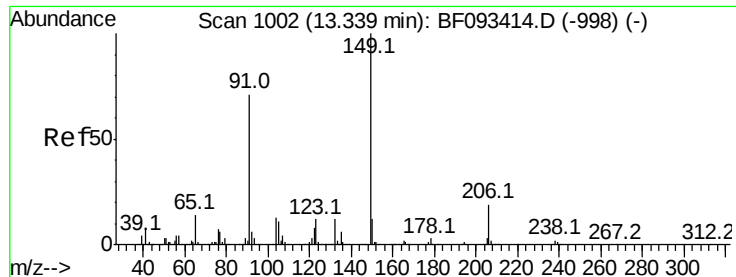
mohammad
3/15/2017 5:37:26 PM



#78
Terphenyl-d14
Concen: 74.90 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.8	11.4	17.2





#79

Butylbenzylphthalate

Concen: 40.04 ng

RT: 13.32 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 562750
Ion Ratio Lower Upper

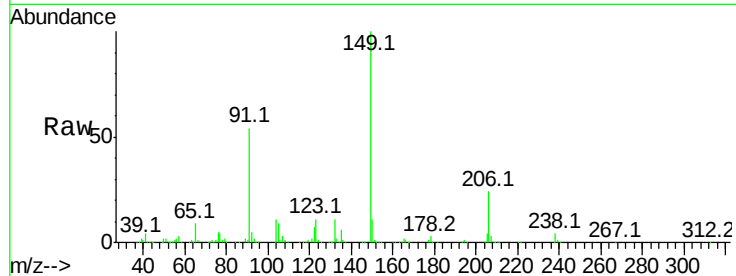
149 100

91 54.4 63.9 95.9#

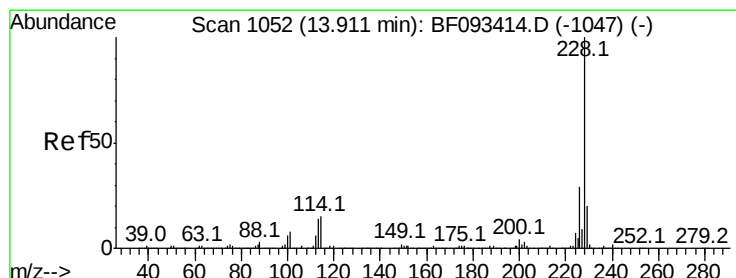
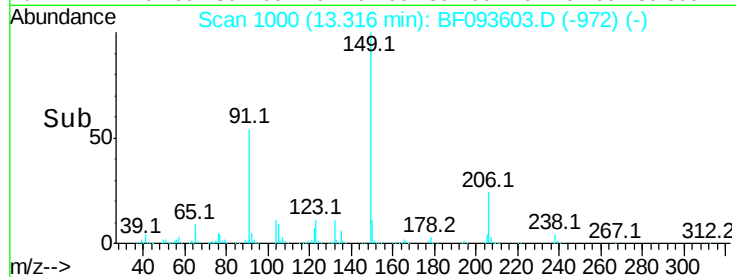
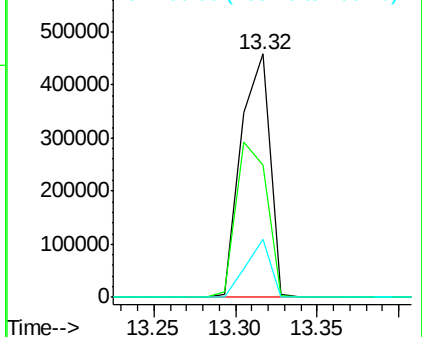
206 23.7 14.6 21.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.21 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BF093603.D

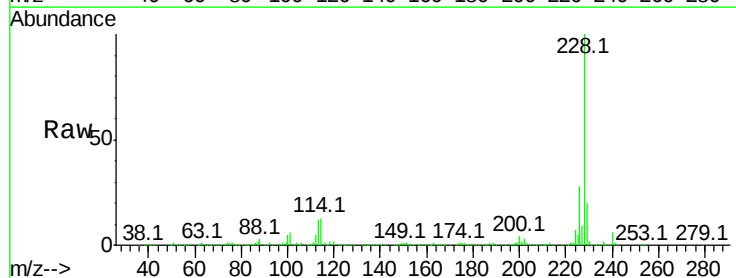
Acq: 13 Mar 2017 12:01

Tgt Ion:228 Resp: 1008904
Ion Ratio Lower Upper

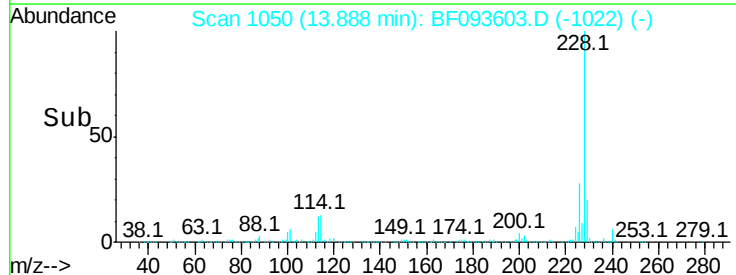
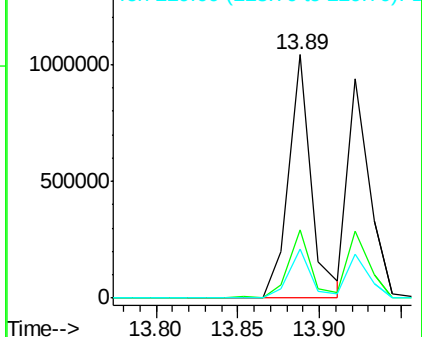
228 100

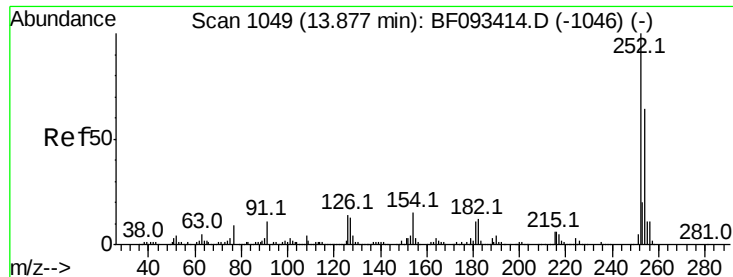
226 28.2 22.4 33.6

229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





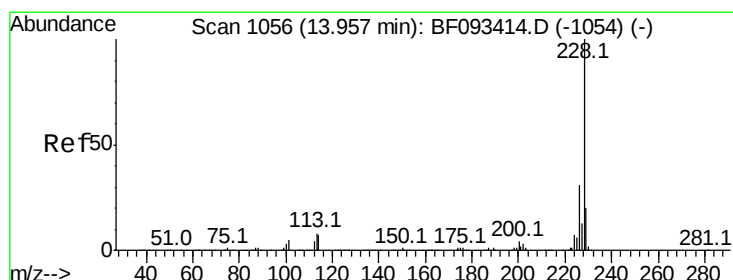
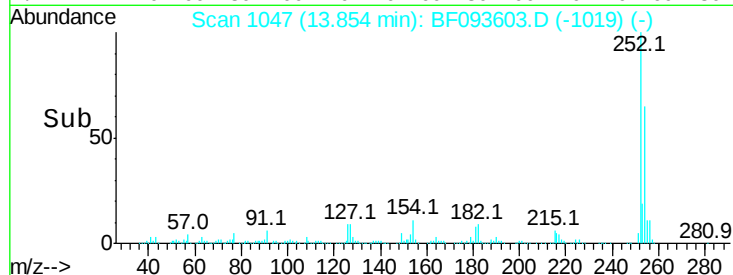
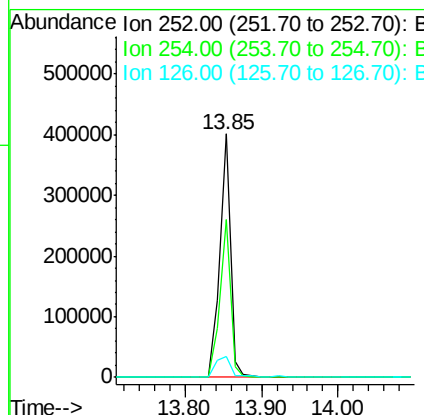
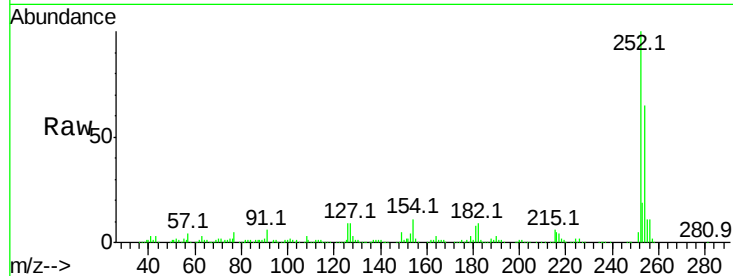
#81
 3,3'-Dichlorobenzidine
 Concen: 40.94 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	388734		
254	64.6	52.3	78.5	
126	8.8	13.6	20.4	

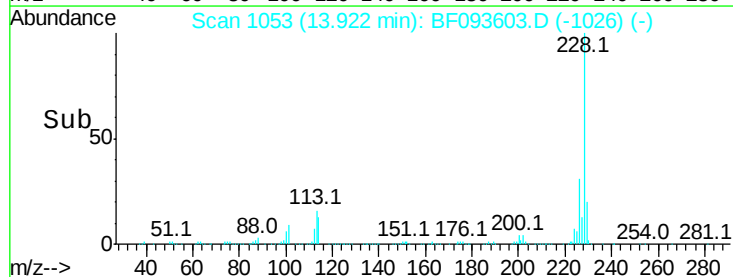
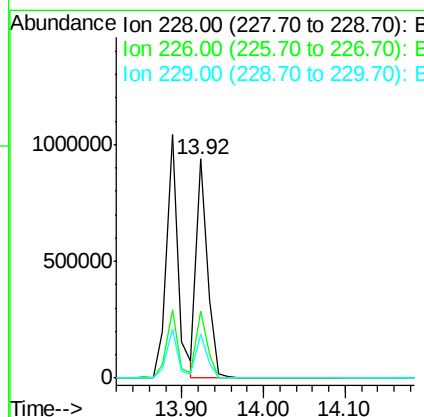
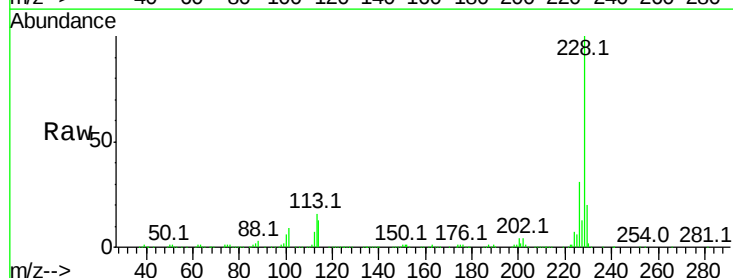
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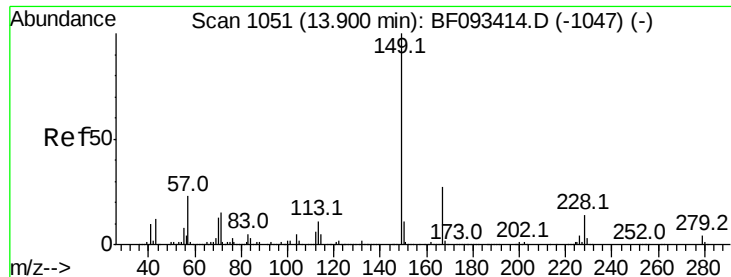
mohammad
 3/15/2017 5:37:26 PM



#82
 Chrysene
 Concen: 35.67 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	894739		
226	30.6	25.4	38.0	
229	20.1	16.2	24.2	





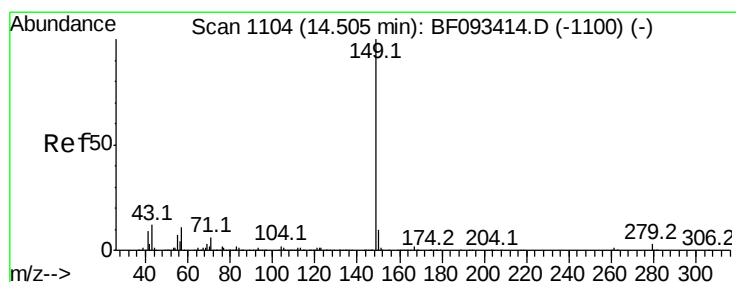
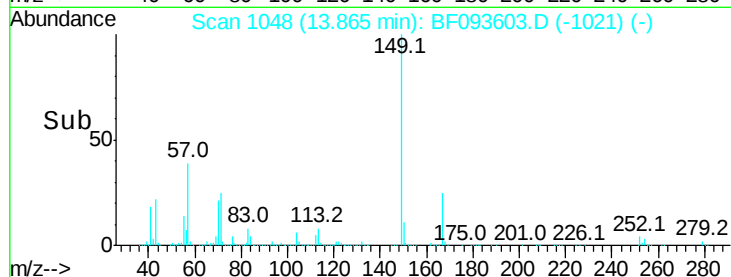
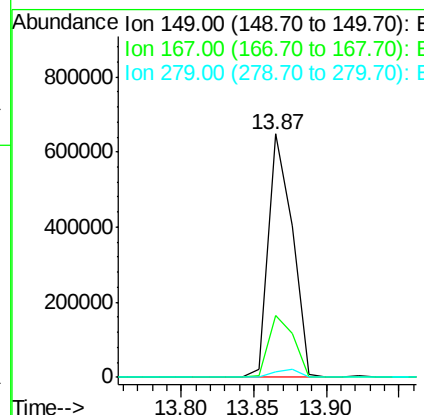
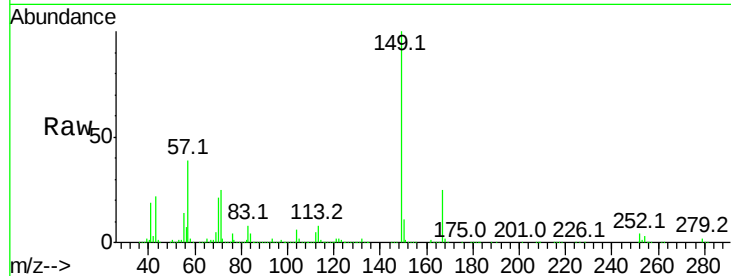
#83
Bis(2-ethylhexyl)phthalate
Concen: 37.93 ng
RT: 13.87 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.2	30.4
279	2.0	1.8	2.8

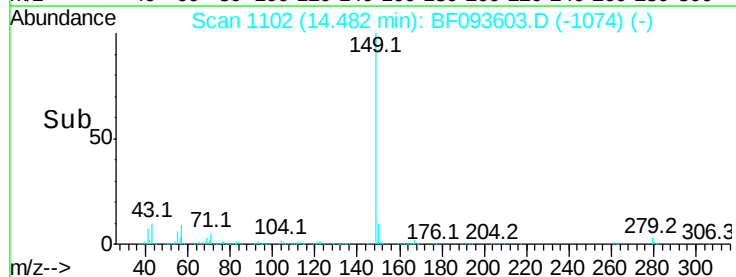
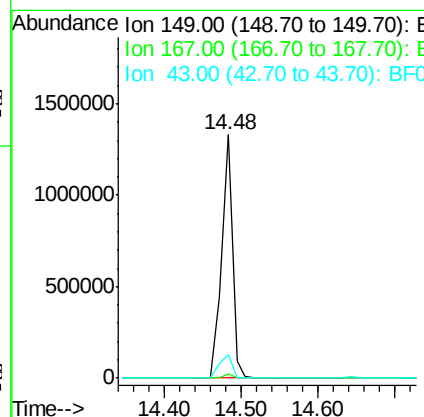
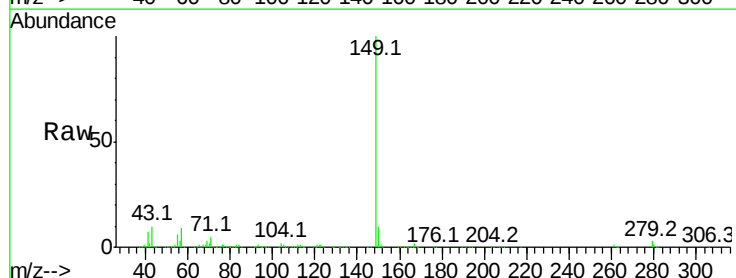
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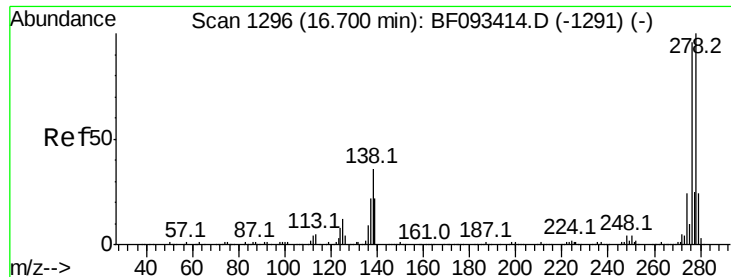
mohammad
3/15/2017 5:37:26 PM



#84
Di-n-octyl phthalate
Concen: 39.61 ng
RT: 14.48 min Scan# 1102
Delta R.T. 0.02 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.6	8.9	13.3





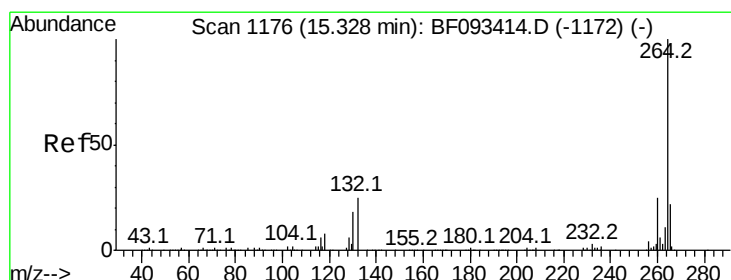
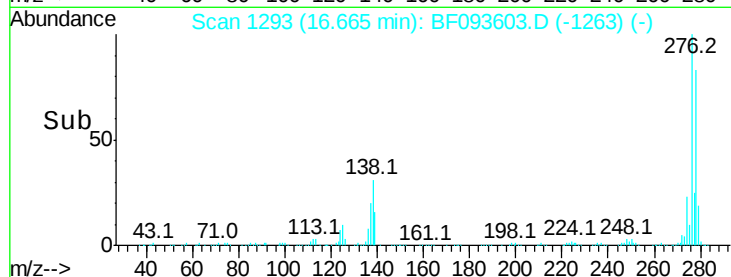
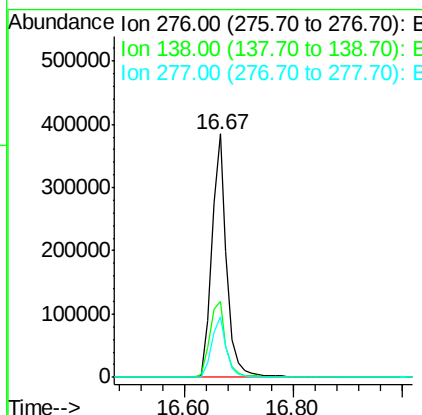
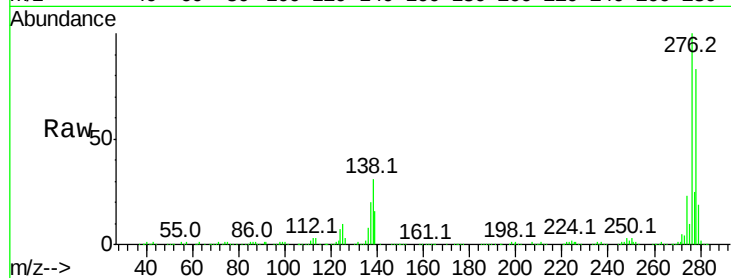
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.09 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.8	32.6
277	25.1	20.2	30.4

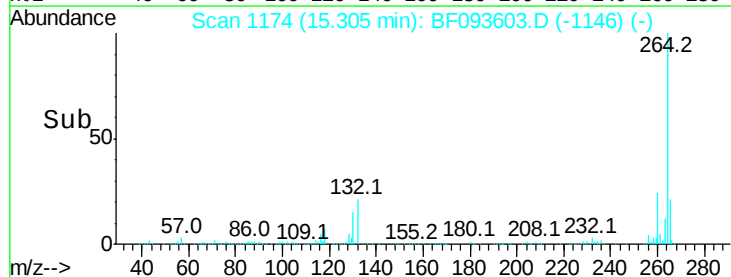
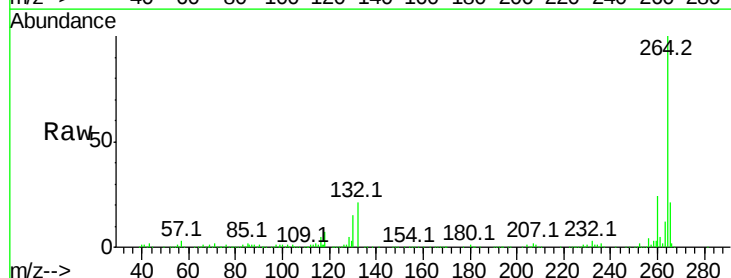
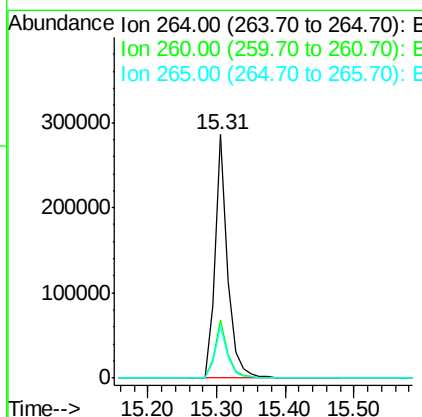
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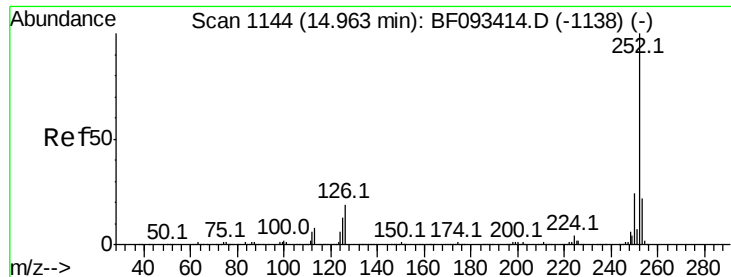
mohammad
 3/15/2017 5:37:26 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 49.27 ng m

RT: 14.91 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1111380

Ion Ratio Lower Upper

252 100

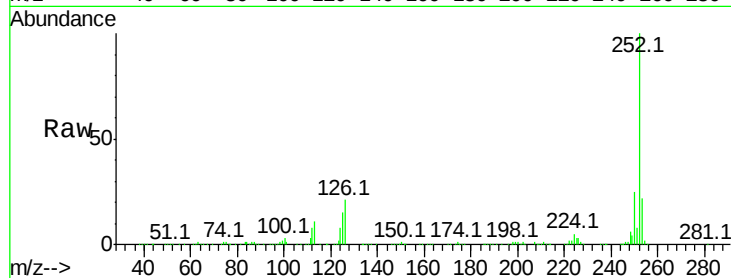
253 22.3 18.2 27.4

125 15.4 9.8 14.6#

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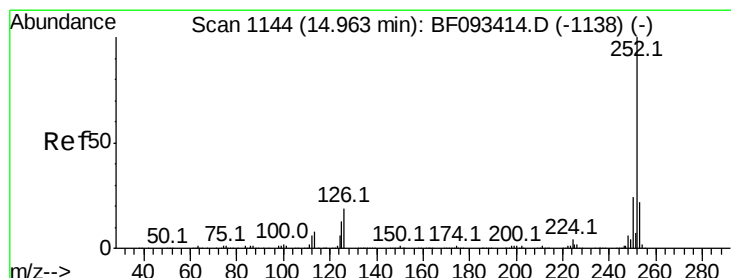
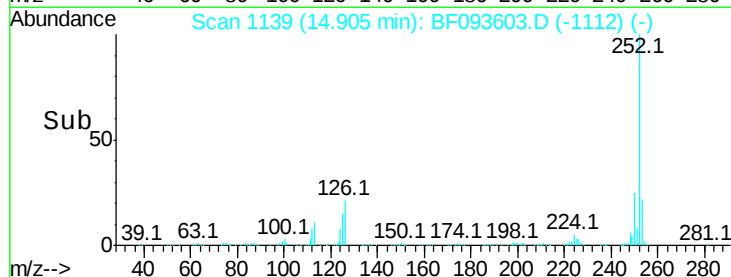
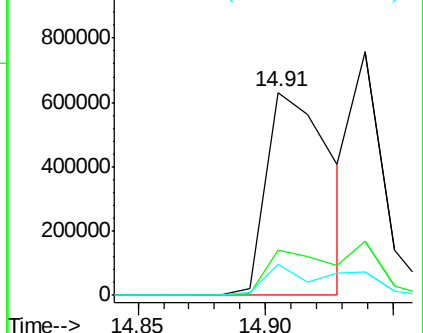
3/15/2017 5:37:26 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.98 ng m

RT: 14.94 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion:252 Resp: 652133

Ion Ratio Lower Upper

252 100

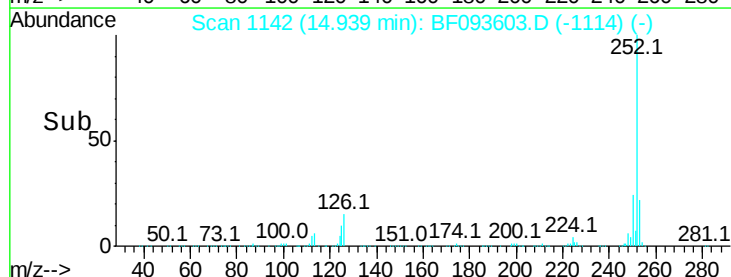
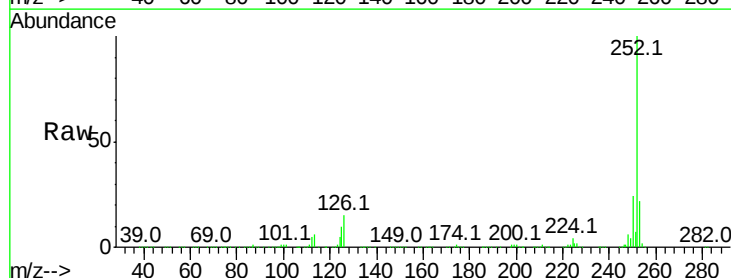
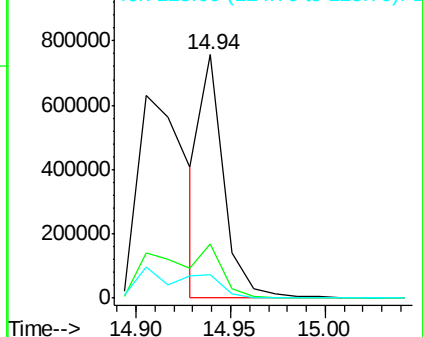
253 22.3 18.5 27.7

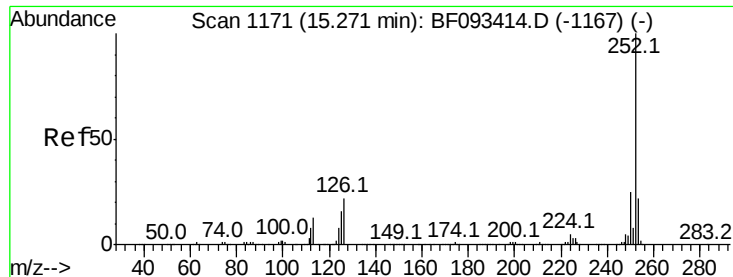
125 9.7 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





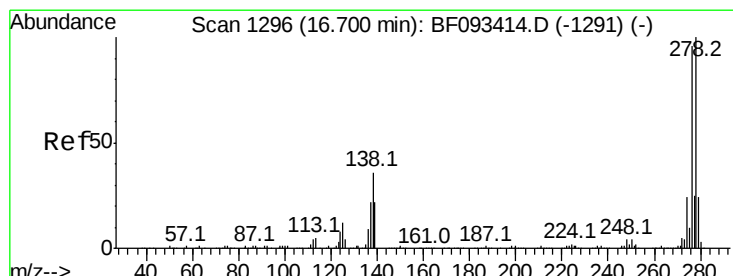
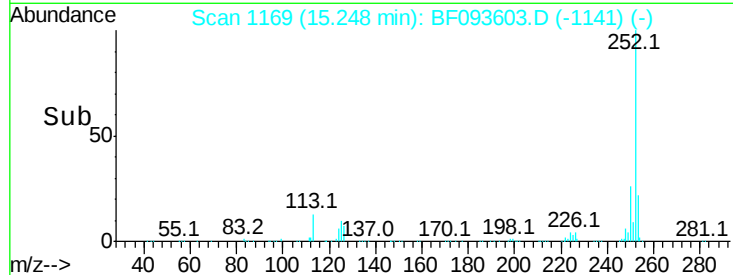
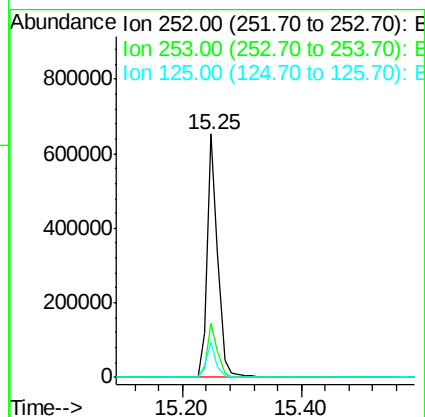
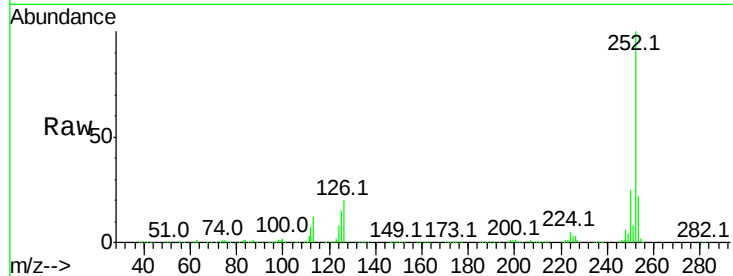
#89
Benzo(a)pyrene
Concen: 39.78 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	252	Resp:	820033
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	14.6	10.0	15.0

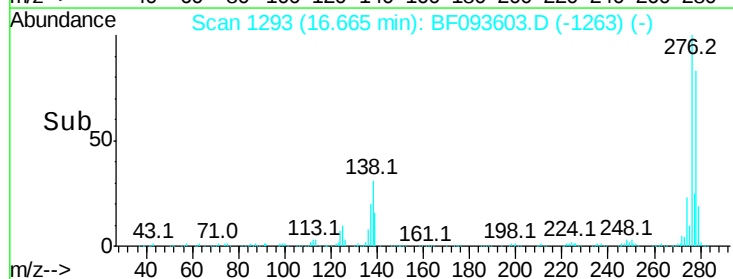
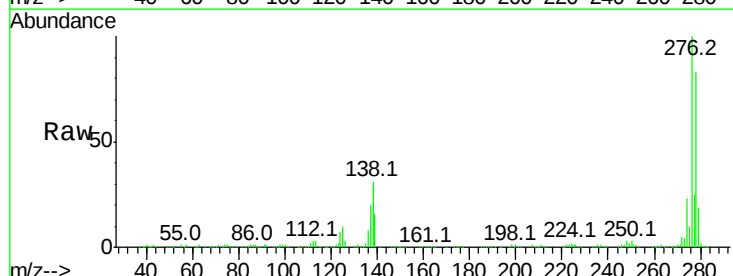
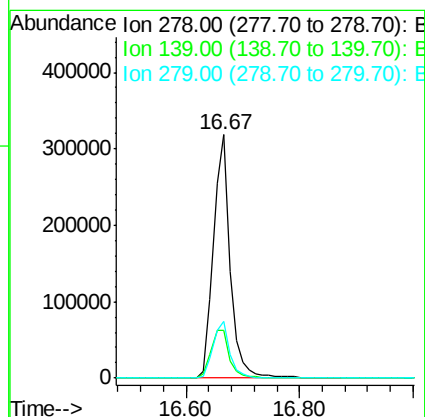
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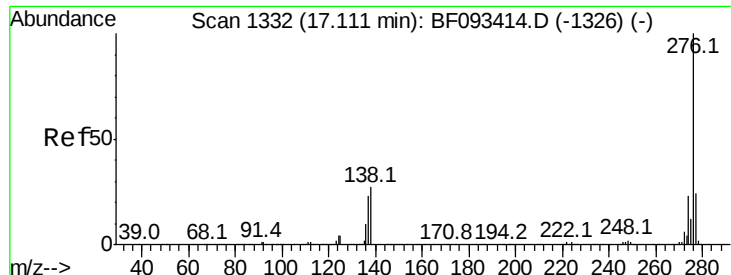
mohammad
3/15/2017 5:37:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.39 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:	278	Resp:	637653
Ion Ratio	Lower	Upper	
278	100		
139	19.5	14.8	22.2
279	23.5	19.8	29.6





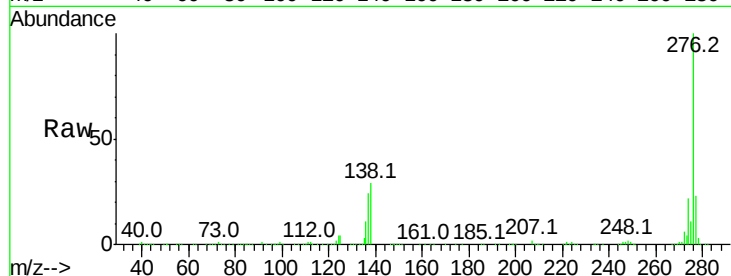
#91
 Benzo(a,h,i)perylene
 Concen: 36.32 ng
 RT: 17.07 min Scan# 1328
 Delta R.T. 0.05 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	19.2	28.8
138	28.5	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

